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# MANN'S

ILLUSTRATED

## Seed and Implement Catalogue.

SEEDS

Farm and Garden Supplies,

Agricultural Implements and Fertilizers.

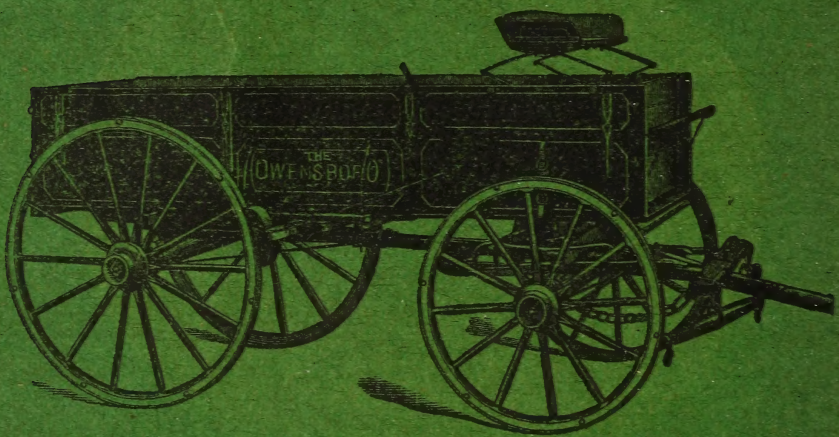
P. MANN & CO.

No. 207 7th STREET, N. W.

Opposite Centre Market. WASHINGTON, D. C.

PRESS OF W. D. ROGERS & CO., BALTIMORE.

# THE OWENSBORO FARM WAGON.



# INTRODUCTORY.

In offering you this catalogue in the beginning of the year 1902, we rely with confidence upon our experience of over thirty years in the Seed and Implement business in Washington.

The Seed Stock offered you is in every way as pure as possibly can be had, and no pains or expense have been spared to secure the best the market affords. While it is impossible for us to guarantee the crop from Seeds we sell, we have every confidence in our Stock of Seeds. We can not insure our Seeds against the many evils that surround it from its first germination but we can give you live Seed, thoroughly tested and carefully selected.

Our customers may rest assured that orders, either large or small, will receive equally prompt attention.

Store-keepers, Market-gardeners, Farmers, and all large growers requiring larger quantities of Seeds than those here offered, are invited to write us for special prices, stating quantities and varieties required.

We heartily thank you for past favors and hope for a continuance of your orders, awaiting which,

We remain,

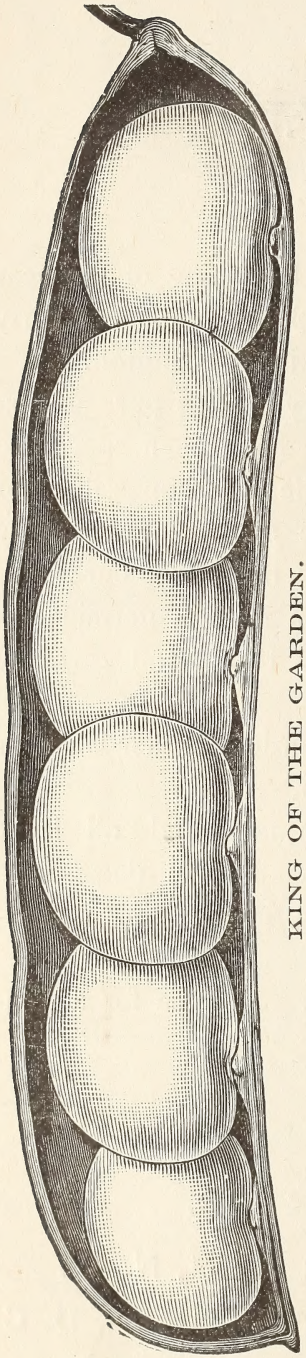
Yours very truly,

**P. MANN & CO.**

**207 7th Street, N. W.**

**Opposite Centre Market.** **WASHINGTON, D. C.**

TELEPHONE MAIN 1121.



KING OF THE GARDEN.

## POLE BEANS.

Add 15c. per quart extra if to be sent by mail.
1 quart to 150 hills, 10 to 12 quarts to the acre.

CULTURE.—Choose light soil, and make small hills 3 ft. apart, having previously spaded deeply and fertilized. Plant long poles two feet deep in the centre of the hills. Allot six beans to each hill, covering them barely beneath the surface, their eyes downward. Do not allow more than three to climb a pole, but remove extra plants to hills where less than three have sprouted.

The Lima Bean is very delicate, and often fails to sprout from slight cause; they should not be planted until the ground is warm, or started in hot-beds and transplanted.

**Extra Size Large Lima.**—Large white bean, very tender; used without shell; equally good in winter, if soaked 6 to 10 hours before cooking. Pint 15c. Quart 25c. Peck $1.50. Bush. $6.00.

**King of Garden.**—Large bean and pod; very heavy cropper. Pt. 15c. Qt. 25c. Pk. $1.50. Bu. $6.00.

**Speckeled Horticultural, or Cherry.**—Very productive; equally good in the green state or when shelled. Pint 15c. Quart 25c. Peck $1.50. Bush. $5.50.

## DWARF BEAN CULTURE.

Dwarf Beans may not be safely planted until the middle of April owing to the late frost, but may be planted thereafter as desired, until the middle of August.

Select high rich soil, make drills two feet apart, drop beans along the rows and cover with earth. Hoe often and keep earth to the stems.

## DWARF OR SNAP BEANS.

Add 15c. per quart extra if to be sent by mail.
1 quart to 100 feet of drill: 2 bushels to the acre.

## GREEN POD BUSH BEANS.

**Earliest Red Valentine.**—Is the favorite sort for growers who supply the early markets, because its growth is so rapid, and because it stands shipment perfectly. Canners use them for their packing because they are stringless and always tender, besides having beautiful round pods. It is a heavy cropper, and ready to pick in about 40 days. Pt. 10c. Qt. 20c. Pk. $1.00. Bu. $3.25.

**Refugee Extra Early Round Green Pod.** Has a beautiful round pod of a delicate green color which makes a perfect bean for canners and for shipping purposes. It is tender, stringless and always bears an abundant crop. Pint 10c. Qt. 20c. Peck $1 00. Bu $3.25.

**Dwarf Horticultural, or Dwarf Cherry.** A splendid bean for use on the table as a snap bean or for winter use. It is large, meaty and meets the requirements of the market, the table and shipper. Pints 15c. Quart 25c. Peck $1.25. Bu. $4.50.

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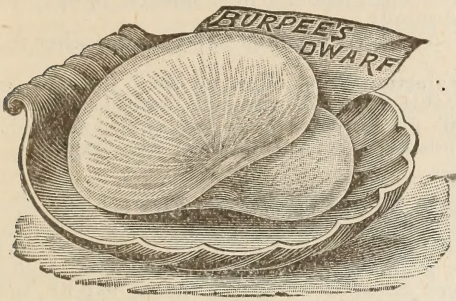
Special prices on any one kind of seed in large quantities.

All receive due consideration. We give the same attention to small orders as we do to large ones.

## BURPEE'S DWARF LIMA.




This is a bush form of the well-known large White Lima Bean. It is very fixed in its bush character, growing to a uniform height of about twenty inches, and forming a circular bush two to two and a half feet in diameter, yielding from fifty to two hundred pods similar to those grown on the Large White Lima Pole Beans, and contain as many beans of the same delicious quality. (See cut). Pint 15c. Quart 30c. Peck $1.75. Bu. $6.50.

**Golden Wax.**—Rust proof. Very early, tender and prolific. Pods large, creamy yellow and stringless. Pint 15c. Qt. 25c. Peck $1.25. Bu. $5.00.

**White Navy.**—Pint 10c. Quart 20c. Peck 75c. Bu. $3.00.

**Six Weeks.**—A most delicate and early bean. None better. Has green pods Pint 15c. Qt. 20c. Peck $1.00 Bu. $3 50.

**German Black Wax.**—Black seeded. We are so thoroughly satisfied with this improved strain of Black Wax that we have discarded the old stock altogether, this being more vigorous and far more productive. Pint 10c. Quart 20c. Peck $1.25. Bu. $4.50.

**The Improved Golden Wax.**—A new strain, popular for the market. Pint 15c. Qt. 25c. Peck $1.25. Bu. $5.00.

**Burpee's New Stringless.**—Green Pods. Pint 15c. Quart 25c. Peck $1.00. Bu. $4.00.

**Davis Kidney Wax**—A new white seed bean and a long oval pod. Pint 15c. Quart 25c. Peck $1.25. Bu. $5.00.

**The Old Homestead or Kentucky Wonder.**—Early, stringless and very productive. Pint 15c. Quart 25c. Peck $1 50. Bu. $6.00.

## ASPARAGUS.

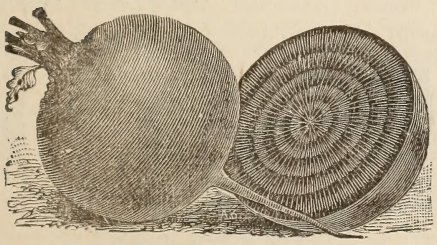
CULTURE.—Seed of Asparagus should be sown as early in the spring as the soil can be worked into good condition, as the seed germinates best in cool, moist wheather. Sow thinly in drills and when well started thin out to three inches apart. In the fall or following spring transplant to permanent rows or beds, setting the plants one and one-half feet apart each way. Soaking the seed for twenty-four hours in tepid or warm water before sowing will greatly assist germination. A "packet" contains about three hundred seeds, and an ounce fifteen hundred.

Use two ounces of seed to 100 feet of row in seed bed: two pounds will produce enough roots to set one acre of land, one and a half feet in row, rows four feet a part, or about eight thousand plants. One hundred plants will make a bed for an ordinary family.

**Conover's Colossal.**—The standard variety. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c. 1 year old roots 50c. per 100; $4.00 per 1000; 2 year old roots 75c. per 100; $4.00 per 1000—sent by express at expense of purchaser.

**Palmetto.**—This asparagus is now quite extensively grown for New York and Philadelphia markets, where it sells at high prices, owing to its fine size and regularity. Although of Southern origin, it is equally well adapted to the North. Pkt. 5c. Oz. 10c. ¼ lb. 25c. Lb. 75c. Roots 75c. per 100; $4.00 per 1000.

## BEETS.



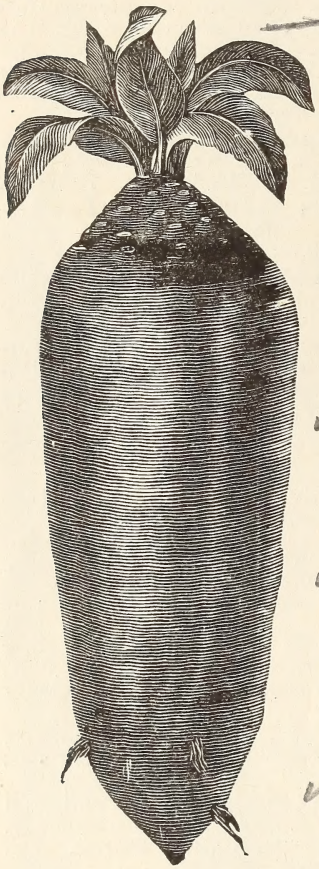
ECLIPSE BEET.

CULTURE.—Seeds should be sown thinly in drills one-half to one inch in depth. Make the first sowing when the trees are starting out in leaf and continne with additional plantings every three or four weeks until August 1st, so that a constant supply of fresh, tender roots may be had throughout the season. Owing to the spongy character of beet seed, the soil covering the seed should be packed firmly, either with the foot or roller, to insure proper germination. When the young plants are

two or three inches in height they should be thinned to stand four to six inches apart in the rows. Those pulled out are excellent when cooked like spinach, or may be transplanted to other rows for an additional supply.

Seed may be sown also early in a hot-bed and transplanted to the garden when the season is warm enough.

While we exercise the greatest care in selection of our crops for seed, the color of the flesh in the early sorts will vary considerably with different soils and seasons. A "packet" contains about five hundred, and an ounce package two thousand seeds Use one ounce to 100 feet of drill: four pounds per acre, in rows three feet apart.



**Improved Blood Turnip Beet.**—The tops are neat and of uniform growth; leaf stems and veins dark red. The roots are rich dark red in color. Flesh deep red, fine grain, very sweet and retaining its blood-red color when cooked. For a constant supply successive sowing of seed should be made throughout the spring and early summer. Pkt. 5c. Oz. 10c. ¼ lb. 15c. Lb. 50c.

## MANGEL.—(Wurzel).

**Golden Tankard Yellow-Fleshed Mangel** This distinct variety is a most important addition to our list of roots for stock feeding, as it contains less water and more sugar than any other mangel. A special feature is the rich deep yellow color of the flesh, nutritious and milk-producing qualities. Oz. 10c. ¼ lb. 15c. Lb. 30c. 5 lbs. or more at 25c. per lb.

**Champion Yellow. or Orange Globe Mangel.**—Productive, easily pulled, and an excellent keeper when stored in heaps for winter use. It is spherical in shape and is of an orange-yellow color. The flesh of the root is white, firm, and suguary. Oz. 10c. ¼ lb. 15c. Lb. 30c.

**Improved Mammoth Prize Long Red,** (also called **Norbtain** and **Giant Jumbo Mangel**).—The heaviest cropping and best long Mangel. This mammoth variety grows to an immense size, single roots weighing twenty to thirty pounds each, and always of very fine texture and good quality. Henry Hodgson, of Millersville, Ohio raised on one acre 55,750 lbs. of roots from seed purchased from us Oz. 10c. ¼ lb. 15c. Lb. 30c. 5 lbs. or more at 25c. per lb.

**Red Globe Mangel.**—This variety is valuable for earliness and smooth, symmetrical, globe shaped roots. The roots are about eight inches in diameter. Oz. 10c. ¼ lb. 15c. Lb. 30c. 5 lbs. or more at 25c. per lb.

| | Per oz. | ¼ lb. | Per lb. |
|---|---|---|---|
| *Early Blood-Red Turnip Beet.* The old stand-by | $0 10 | $0 15 | $0 50 |
| *Dewings Improved Blood Turnip.* A popular starin | 10 | 15 | 50 |
| *Extra Early Egyptian.* Very quick-growing blood turnip. | 10 | 15 | 50 |
| *Crosby's Egyptian.* Beets round and of better quality | 10 | 15 | 50 |
| *Eclipse.* Extremely early, round, blood-red beets | 10 | 15 | 50 |
| *Bastain's Extra Early Red Turnip.* Fine and early | 10 | 15 | 50 |
| *Bastain's Half-long Blood,* or *Philadelphia Perfection Beet* | 10 | 15 | 50 |
| *Long, Smooth Blood-Red.* An excellent late variety | 10 | 15 | 50 |
| *Bassano.* Extra early and leading Market variety | 10 | 15 | 50 |

**All Garden Beets in regular-sized packets, 5 cents per packet.**

## CABBAGE.—(Kopf Hohl).

CULTURE.—With a proper selection of varieties and a succession of planting this standard vegetable may be had in constant supply throughout the year in all parts of our country. In Middle and Northern States seed may be sown in hot-beds and cold frames during February and March; when the plants are well started, harden them off by giving plenty of fresh air, and they will be ready to plant in garden or field in April. By sowing seed of the early varieties in September and October and wintering the plants in cold frames, stocky, hardened plants may be had which can be set out the last of March. For fall and winter supply we sow seed in beds outdoors in June, transplanting to the field during July and the early part of August. Seed should be sown very thinly in shallow drills so that the young plants will grow strong and stocky—as slender, long-stemmed plants are of little value.

EARLY JERSEY WAKEFIELD.

**Selected Early Jersey Wakefield.** — This is the very best conical headed sort on the market, it is extra early and always sure to form fine solid heads.

The old reliable: unfortunately the great demand for this sort has brought upon the market large quantities of coarse and inferior stock, which has tended to diminish the popularity of the sort; but when pure home-grown stock, such as we offer, is used, it cannot fail to give perfect satisfaction. Pkt. 5c.–10c. Oz. 25c. ¼ lb. 50c. Lb. $2.00.

**Early Summer.**—This is without exception the best large Early Flat Head Cabbage. It is about two days later than the Jersey Wakefield and being over double the size makes it more desirable. Gardeners will find it a very profitable variety. Our stock is of the very best. Pkt. 5c–10c. Oz. 20c. ¼ lb. 50c. Lb. $1.75.

**All Seasons.** — This is a splendid cabbage, suitable for fall and spring sowing, has large flat handsome heads and matures rapidly. Pkt. 5c.–10c. Oz. 20c. ¼ lb. 50c. Lb. $1.75.

**Succession.**—This is a splendid cabbage suitable for fall or spring sowing, has large flat handsome heads and matures rapidly. Plant Succession for main crop. Pkt. 5c.–10c. Oz. 20c. ¼ lb. 60c. Lb. $2.00.

**Premium Late Flat Dutch.**—This variety is largely grown for late or main crops, being the favorite market variety. Heads very large, solid and broad, with flat tops; of fine flavor and quality, very short stems. Pkt. 5c.–10c. Oz. 15c. ¼ lb. 40c. Lb. $1.50.

### CABBAGES.—17 Well-known Standard Varieties.

| | Per oz. | ¼ lb. | Per lb. |
|---|---|---|---|
| *Early Winningstead.* A very early variety | $0 20 | $0 50 | $1 50 |
| *Large Wakefield*, or *Charleston.* Rather large and 10 days later. | 30 | 75 | 2 50 |
| *Earliest Etampes.* Small, pointed, extra early | 15 | 35 | 1 25 |
| *Extra Early Express.* The earliest of all; pointed | 15 | 40 | 1 25 |
| *Early Dwarf York.* Very early; Small, heart-shaped heads | 15 | 35 | 1 25 |
| *Large Early York.* About 10 days later; large in size | 15 | 40 | 1 25 |
| *Early Dwarf Flat Dutch.* A first-class second-early; round-flat. | 15 | 40 | 1 50 |
| *All-Head Early.* The best second early | 25 | 75 | 2 50 |
| *All Seasons.* Good solid heads for autumn or winter | 20 | 50 | 1 75 |
| *Henderson's Succession.* A fine second-early; of good size | 20 | 60 | 2 00 |
| *Stone-Mason Marblehead.* A late drumhead; weak constitution. | 15 | 40 | 1 50 |
| *Premiun Flat Dutch.* A well-known popular winter cabbage | 15 | 40 | 1 50 |
| *Superior Large Flat Dutch.* An improved strain | 20 | 40 | 1 50 |
| *Large Late Drumhead.* For autumn and winter cabbage | 15 | 40 | 1 50 |
| *Holland*, or *Danish Ball Head* | 20 | 60 | 2 00 |
| *Autumn King*, or *World Beater* | 20 | 50 | 1 75 |
| *Improved American Savoy* | 20 | 50 | 1 50 |

## CABBAGE.—Continued.

Hardly any other variety can approach the **Surehead** in fine quality and uniform reliability in forming solid heads, of good size and suberb quality.

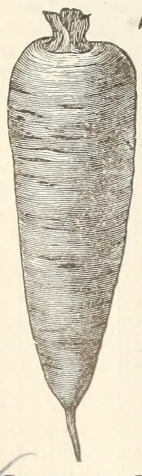
**Burpee's Original Surehead Cabbage.**—Produces large, round, flattened heads of the Flat Dutch type, and is remarkable for its certainty to head. It is all head, and sure to head, even under unfavorable conditions. The heads are remarkably uniform, very hard, firm and fine in texture, and ordinarily weight from 10 to 15 pounds each. It is very sweet flavored, has but few loose leaves, keeps well, is good for shipping, and is just the variety and quality to suit market gardeners, farmers, and all lovers of good cabbage. Pkt. 5c.–10c. Oz. 20c. ¼ lb. 60c. Lb. $2.00.

*An illustration and directions for culture are printed on each package of seed sold by us.*

## CARROTS.—(Mohre).

1 oz. to 150 ft. of drill. 2½ lbs. to an acre.

CULTURE.—Follow directions given for Beets and Parsnips as there is no difference in the method of cultivating these roots. For early crop sow in March, for late crop in May or June.


Danvers' Half Long Point Root Carrot.

**Earley Scarlet Horn.**—Small but early. Best for forcing. Pkt. 5c.–10c. ¼ lb. 25c. Lb. 70c.

**Danvers' Half-long Stump Rooted.** A new variety of decided merit; rich in color and of handsome shape. Pkt. 5c.–10c. ¼ lb. 25c. Lb. 70c.

**Danvers' Half-long Pointed Root.** Early and very beautifully shaped; very rich in color and best for main crop. It is worthy of a fair trial. Pkt. 5c.–10c. ¼ lb. 25c. Lb. 70c.

**Improved Long Orange.**—Deep orange color, long, smooth, most popular for general crop. Pkt. 5c.–10c. ¼ lb. 20c. Lb. 60c.

## CELERIAC OR TURNIP ROOT CELERY.

**New Large Smooth.**—A new and quite distinct sort, the roots being very smooth, large and round. The roots may be cooked and sliced, and eaten with vinegar. Pkt. 5c.–10c. Oz. 15c. ¼ lb. 40c.

## CORN SALAD.—(Ackersalat).

3 oz. of seed to 100 ft. of row.

Oz. 10c. ¼ lb. 20c. Lb. 60c.

Special Prices on any one kind of Seed in large quantities

## CELERY.—(Sellerie).

1 oz. to 1000 plamts. 10 to 15 oz. to the acre.

CULTURE.—Celery seed may be sown during March or April in hot-beds. From middle of April or May seed may be sown out-doors, for which purpose select a warm location, and light rich soil. Thin until there is a clear space between the plants. When the plants are six inches high, draw them, trim tops, place them six inches apart in trenches. Shade until they begin to grow, and, if dry, water. Trenches should be three feet apart, four inches deep, and nine inches wide. Incorporate plenty decayed manure at bottom of the trenches to a further depth of one foot. which may be done with a spade. Moist land, well enriched will give the best results. After September 1st, continue to draw on both sides rich pulverized soil to the stems, at intervals, as the growth of the plants indicates. This should not be done during rainy or hot weather. Keep soil from the heart of the plants. At the end of October bury the whole in dirt, and dig up as desired for use.

**Improved White Plume.**—An early self-blanching variety, very popular for fall and early winter use. Pkt. 10c. Oz. 20c. ¼ lb. 50c. Lb. $1.75.

GOLDEN SELF-BLANCHING CELERY.

**Giant Golden Heart.**—Same as the Dwarf, only the stalks are larger. Pkt. 10c. Oz. 15c. ¼ lb. 50. Lb. $1.50.

**Dwarf Golden Heart.**—Very solid, an excellent keeper and of fine nutty flavor, the heart, which is large and full is of a waxy, golden yellow, rendering it very showy for either market or private use. Pkt. 10c. Oz. 15c. ¼ lb. 40c. Lb. $1.50.

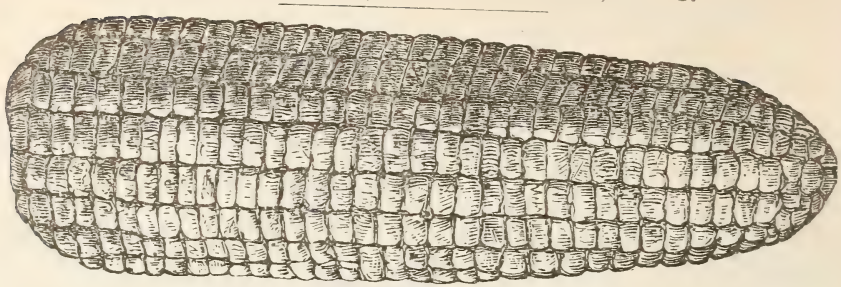
**Giant Pascal.**—The stalks are very large, thick, solid, crisp and of rich nutty flavor, free from any taste of bitterness. It blanches very easy and quickly, and retains its freshness a long time after being marketed. Pkt. 10c. Oz. 20c. ¼ lb. 50c. Lb. $1.75.

**Gold Self-Blanching.**—A most valuable variety which partakes somewhat of the celebrated "White Plume" inasmuch as it does not require such high "banking-up" as the ordinary sorts to be fit for the table. It simply needs a slight earthing-up or handling. It is of a beautiful waxy golden color, very solid and of rich nutty flavor. Pkt. 10c. Oz. 30c. ¼ lb. $1.00. Lb. $3.00.

## CAULIFLOWER.

CULTURE.—Cauliflower is grown in the same manner as cabbage, but requires cool, moist weather and well enriched soil to attain perfection. It is highly valued for the mild delicate flavor of the white heads.

**Early Snowball.**—Extensively advertised, this has deservedly attained great popularity, and is now extensively planted. Under favorable conditions nearly every plant will make a fine, solid head of good size. It is of dwarf habit, valuable both for early and late crops. Half-sized packet 15c. Pkt. 25c. ¼ oz. 75c. ½ oz. $1.25. Oz. $2.50.



STOWELL'S EVERGREEN SWEET CORN.

## CORN.—(Korn).

**New Early Champion.**—The best early sweet corn. Ear 5c. Doz. 40c. Qt. 20c. Pk. $1.00 Bu. $3.00.

**Adams' Extra Early.**—The hardiest and earliest variety for the table use, it can be planted earlier than any other, but is not a sweet corn; white, indented grains and short ears. Ear 5c. Doz. 25c. Pt. 10c. Qt. 15c. Bu. $2.00.

**Adams' Early.**—A splendid early variety; largely grown for early market. Ear 5c. Doz. 25c.

**Stowell's Evergreen.**—See illustration engraved from a photograph of an ear of our improved strain. The seed which we offer is free from glaze and flint, and has been grown completely isolated from all other varieties. Its qualities will not be found in the Stowell's Evergreen Sweet Corn as usually sold, which has deteriorated generally both in quality and productiveness. For canning purposes the Improved Stowell's Evergreen Sweet Corn will prove most satisfactory; its large ears, with long, slender grains, make the most saleable canned corn. Doz. 40c. Pt. 10c. Qt. 20c. Pk. 75c. Bu. $2.50.

**Mammoth Late.**—This produces the largest ear of any, a single ear sometimes weighing two to three pounds. It ripens a little later than the Evergreen, with larger cobs, the kernels being flatter, not horse-tooth shape. Doz. 50c. Pt. 10c. Qt. 20c. Pk. 75c. Bu. $2.50.

**Country Gentleman.**—A new corn of merit and desirable for family use. The grains are irregular, compact and sweet. Doz. 40c. Pt. 10c. Qt. 20c. Pk. 75c. Bu. $2.50.

**Stabler's Extra Early.**—A new variety, of larger size than usual for the early kinds. It is remarkable for sweetness and earliness. A desirable canning variety. Doz. 40c. Pt. 10c. Qt. 20c. Pk. 75c. Bu. $2.50.

## FIELD CORN.—(Feld Korn).

**Golden Beauty.**—A large, broad grained yellow corn, with ears of perfect shape and very small cob. The richness of color and quality of the grain makes it a very superior variety. Ear well filled and very productive. Qt. 10c. Pk. 50c. Bu. $1.25.

**Hickory King.**—A large, broad grained white corn, and undoubtedly the smallest cob of any white corn ever introduced. Qt. 10c. Pk. 50c. Bu. $1.25.

TRUE STOCK.

NEW YORK IMPROVED EGG PLANT.

## EGG PLANT.—(Eierfrucht).

CULTURE.—Sow in hot-beds, or in box or pots for indoor cultivation, early in spring. The plants being very tender must be sheltered from frost, but exposed so far as practicable to the sun and air. Early plants will be ready to transplant in May.

Select light, rich soil, set plants distant five feet each way and keep well cultivated. Where the plants are set, the soil should be highly enriched by incorporating chicken manure some weeks previour.

**N. Y. Improved Large Purple.** Oval shape, thornless, dark purple color and rich flavor. Our stock of Egg Plant will be found very superior wherever used. Pkt. 10c. Oz. 25c. ¼ lb. 85c. Lb. $3.00.

## ENDIVE.—(Endivien).

1 oz. to 200 feet of drill. 3 lbs. to an acre.

CULTURE.—June or July select a bed of good soil, drill fifteen inches apart, sow seed and cover lightly. The plants should not stand closer than twelve inches. Keep the earth to the stems, destroy weeds and hoe liberally.

To blanch the plants and destroy bitterness, when the leaves attain sufficient length, tie them closely at the top, while perfectly dry, for the purpose of excluding light and moisture, or cover with flower pots. After fourteen days they will be ready for use.

**Extra Green Curled.**—It is the best. Pkt. 5c. Oz. 15c. ¼ lb. 40c. Lb. $1.50.

## KALE.—(Blatter Kohl).

1½ to 2 lbs. to an acre.

CULTURE.—Sow in drills or broadcast, in the fall or spring. It will mature without further attention unless weeds get the start, when the latter must be removed and the earth loosened.

**Curled German.**—Curly, dwarf, hardy and a rapid grower. Pkt. 5c. ¼ lb. 15c. Lb. 50c.

## LEEK.

**Broad London or Large American Flag.**—Best American-grown seed. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

## BORE COLE.

This is sown in May and transplanted like cabbage, nicely curled and hearty. Frost improves it. Pkt. 5c. Oz. 10c. Lb. 60c.

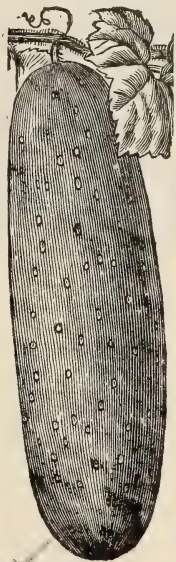
## KOHL RABI.—(Kohl Rabi).

1 oz. to 200 ft. of drill. 1½ lbs. to an acre.

CULTURE.—Sow in April in rows eighteen inches apart, thinning out to eight inches between plants.

**Early White Vienna.**—This froms a bulb above ground, and its flavor mingles the peculiarties of the cabbage and turnip. Pkt. 5c. Oz. 20c. ¼ lb. 50c. Lb. $1.50.

## CUCUMBERS.—(Gurke).



1 oz. to 50 hills. 1 to 2 lbs. to an acre.

CULUTURE.—For the growth of cucumbers hills are raised, standing five feet apart. Quite rich, sandy soil is best. If necessary enrinch the hills with a mixture of sandy soil and strong rotten manure. For early use, plant in May; for pickling, plant in June or July. Eight or ten seeds should be allowed to each hill as the young plants are often destroyed by bugs.

Soon as the plants attain vigor, thin them, leaving the three most promising, if practicable water during the drought keep soil loose and free of weeds.

**Jersey Pickling.**—The best general crop pickle. Pronounced by growers to be a perfect pickle in every respect, being very productive; a deep green color. It has no rival. Pkt. 5c. ¼ lb. 15c. Lb. 40c.

**Evergreen White Spine.**—This valuable variety differs from the ordinary White Spine in holding its deep green color much longer. It is also earlier and more productive. The flavor is delicious, the flesh being unusually tender and crisp. Pkt. 5c.–10c. ¼ lb. 15c. Lb. 50c.

**Peerless or Improved White Spine.**—Early and productive. Medium to large size. Pkt. 5c. ¼ lb. 15c. Lb. 50c.

**Long Green.**—Large, green and desirable for slicing. (See cut). Pkt. 5c. ¼ lb. 15c. Lb. 50c.

**Gerkin or Burr.**—Used only for pickling. Pkt. 5c. Oz. 10c.

## LETTUCE.—(Lattich).

1 oz. to 3000 plants. 3 lbs. to an acre.

CULTURE.—Sow in hot-bed or the open ground during April and May for summer supply. Plants may be grown on a temporary bed and transplanted; or the seed may be sown where the lettuce is to mature. For a permanent bed, select rich light soil, spade deeply, incorporate manure and lay off in drills two feet apart. Destroy weeds and hoe often. Seed may be sown in August and September, and plants treated as directed for cabbage plants, in which case a covering of straw will prove very beneficial.

SALAMANDER LETTUCE.

**Salamander.**—*B. S.*—Compact, tender heads, resisting summer heat. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

**New Iceberg**—Quick growing heads, hard and handsome. Tender and true. There is no handsomer or more solid Cabbage Lettuce in cultivation—in fact, it is strikingly beautiful. The large, curly leaves which cover the outside of the head are of a bright, light green. The unusually solidity of the heads is insured by the large white main ribs of the leaves, each of which curling strongly into the centre, acts like a truss, making it impossible for the leaves to open outward and expose the centre, which consequently, is thoroughly blanched. It matters not whether in the early spring or the hottest days of summer, the leaves are always crisp and tender. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

**Philadelphia Butter.**—A very early lettuce, excellent for forcing. Produces large heads of excellent quality; one of the best for market gardeners. Pkt. 5c. Oz. 15c. ¼ lb. 35b. Lb. $1.25.

**Philadelphia Early White Cabbage.**—Pkt. 5c. Oz. 15c. ¼ lb. 30c. Lb. $1.00.

**Early Curled Simpson Lettuce.**—Heads are a yellowish green, are compact mass of curly leaves, very tender. Pkt. 5c –10c. Oz. 15c. ¼ lb. 35c. Lb. $1.00.

**Golden Queen**—Popular for forcing Pkt. 5c. Oz. 10c. ¼ lb. 30c. Lb. $1.00.

**Improved Hanson.**—One of the finest. Beautiful fringed head. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

**California Cream Butter Lettuce.**—Outside leaves are a medium green color, and inside is folded a solid head of rich, creamy yellow color. It is considered by the growers one of the best in cultivation. Oz. 15c. Qt. lb. 35c. ½ 60c. Lb. $1.00.

**Defiance Summer.**—Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

**Big Boston.**—Identical in color, shape and general appearance as the Boston Market Lettuce, but double the size. It is about one week later in maturing, but its solidity and greater size of head will make it a most valuable sort, desirable either for cold frames or open ground planting. It heads up well all seasons of the year. and is of crips, tender quality. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb $1.25.

**Early Prize Head.**—Large, loose heads, tinged with brown, fine flavor. Pkt. 5c. Oz. 15c. ¼ lb. 30c. Lb. $1.00.

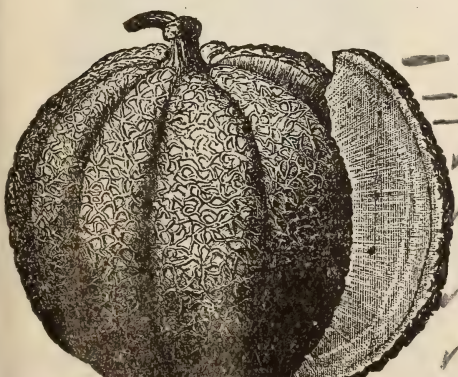
**Boston Market or Tennis Ball.**—This variety is used specially for green house and hot bed culture, because it can be planted very close It grows very compact, fair size, heads slightly tinged with red on egde of leaves. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. [illegible].

## CANTALOUPE.—(Zucker Melone).

ACME OR BALTIMORE CANTALOUPE.

A first-class melon; has size, form, beauty and rich in flavor. Why grow a poor crop when a small outlay for good seed will assure a splendid crop of choistest fruit, which will command the highest prices and ready sales? Our seed this year is from the best crop we ever grew, and with our seed your crop may be equally as good. The best of all for market purposes. Our seed is from the finest stock known, and has always given satisfaction. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

### Musk Melon, or Cantaloupes.



EXTRA EARLY HACKENSACK.

| | Per oz. | ¼ | Per lb. |
|---|---|---|---|
| *Netted Gem*, or *Rocky Ford* | $0 10 | $0 20 | $0 60 |
| *Paul Rose*, or *Petoskey*. | 10 | 20 | 65 |
| *Burpee's Champion Market* | 10 | 20 | 65 |
| *Hackensack*, or *Turk's Cap*. Large, round; flattened, green flesh | 10 | 20 | 60 |
| *Extra Early Hackensack*. 10 days earlier than the preceeding | 10 | 20 | 65 |
| *Acme*, or *Baltimore*. Oblong, pointed; light green flesh | 10 | 20 | 50 |
| *Boston Mango*. Useless as fruit, but the best for "*Mangoes*." | 10 | 20 | 75 |

**In regular-sized packets, each of the above, 5 cents per packet.**

## WATERMELON.—(Wassermelone).

CULTURE.—Prepare hills in the same manner as for Musk Melons, but to accommodate the larger growth of vine the hills should be eight to nine feet apart each way. Plant the seed as soon as the temperature remains above sixty degrees all night, and when vines are well started thin out to one or two plants in a hill. When vines are three feet in length, pinch off the tips to cause them to throw out laterals.

According to the size seeds, a "packet" contains from 60 to 140, an ounce from 240 to 600. Use four ounces of seed to 100 hills; three pounds per acre.

**Burpee's Cuban Queen.**—This magnificent melon from the West Indies was first brought prominently before the public by us in 1881. The skin is beautifully striped, dark and light green. The flesh is bright red, remarkable firm, luscious, and the rind is quite thin for so large a melon. Pkt. 5c. Oz 10c. ¼ lb. 20c. Lb. 50c.

| If ordered by express, *deduct 10 cents per pound.* | Per oz. | ¼ lb. | Per lb. |
|---|---|---|---|
| *Kolb Gem.* Very large; flesh red, a good shipping sort. Very popular in the South | $0 10 | $0 20 | $0 60 |
| *Sweet Heart.* Oval form; mottled light green skin; red flesh | 10 | 20 | 60 |
| *Duke Jones.* A famous new Southern melon, introduced in 1895 | 10 | 20 | 60 |
| *Florida Favorite.* An oblong melon of fine flavor | 10 | 20 | 60 |
| *Girardeau's New Favorite.* An improved Florida favorite | 10 | 20 | 60 |
| *Pride of Georgia.* Round in shape; skin striped | 10 | 20 | 60 |
| *Seminole.* Similar to Jordan's Gray Monarch | 10 | 20 | 60 |
| *Ice Cream*, or *Peerless.* True white seeded; oblong, luscious | 10 | 20 | 50 |
| *The Boss.* A fine, oblong melon; of small size; good flavor | 10 | 20 | 50 |
| *Kentucky Wonder.* A popular market melon in the West | 10 | 20 | 60 |
| *Striped Gypsy*, or *Georgia Rattlesnake.* A large, oblong melon | 10 | 20 | 50 |
| *The Jones.* A great favorite in the South; rich flavor | 10 | 20 | 60 |
| *Rudy-Gold.* Flesh yellow, marked with red; not recommended | 10 | 20 | 60 |
| *Colorado Preserving.* The best for citron preserves | 10 | 20 | 60 |

**Each of the above Watermelons, 5 cents per packet.**

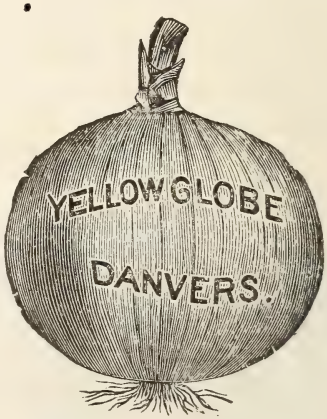
## ONIONS.—(Zwiebel).

CULTURE.—To raise Onion Sets, during March or April select good soil and mark shallow drills one foot apart, along which sow seeds thickly. Keep the beds free from weeds. In July, the bulbs will be the size of marbles, when they are taken up and spread thinly over a floor, securely protected from dampness, and exposed to the air.

To raise large Onions, select a bed of rich soil, work it deeply and add decayed manure plentifully, level the bed and mark drills one inch deep and one foot apart. Place the roots of the sets about six inches apart in these drills. Keep the soil loose and free of weeds.

**White Silver Skin.**—The leading sort of white onion. Skin is of a beautiful, clear white color; flavor mild, and a most excellent keeper. (See cut). Pkt. 5c. Oz. 25c. ¼ lb. 60c. Lb. $2.00.

**White Portugal.**—Pure white skin. Oz. 25c. ¼ lb. 60c. Lb. $2.00.



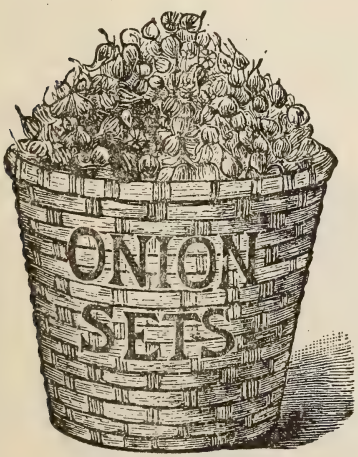

**Yellow Globe Danvers.**—Yellow skin, mild fine flavor, and very hardy. Oz. 15c. ¼ lb. 30c. Lb. $1.00.

**Strawsburg or Yellow Dutch.** The most popular variety for sets. Sets grow round and plump with bright yellow skin, flesh pure white, mild flavor, and an excellent keeper. Oz. 15c. ¼ lb. 40c. Lb. $1.25.

## ONIONS.—Continued.

**Prizetaker.**—This is the large beautiful onion that is seen every fall offered for sale at the fruit stores in Baltimore and other large cities. They are a rich straw color and of enormous size. Although of such large size it is very hardy and an excellent keeper. The flavor is mild and delicate, making the Prizetaker a favorite variety for salad. Oz. 15c. ¼ lb. 40c. Lb. $1.50.

## CHOICE PHILADELPHIA GROWN ONION SETS.




Are considered far superior to Western grown sets and everywhere considered as the best.

Prices on application.

## ORKA OR GUMBO.

**Dwarf Orka.**—Oz. 10c. ¼ lb. 20c.

## PARSNIPS.—(Pastinate).

1 oz. will sow 100 ft. of drill, 5 lbs. to an acre.

CULTURE.—Deep mellow soil is necessary for the full developement of the Hollow Crown Parsnip, because the truest type of Hollow Crown will show a high Crown when grown in stiff soil.

Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering the seed ¼ of an inch deep; when well-up, thin out to 5 or 6 inches apart in the rows. Parsnips are improved by frost, and it is a usual custom to take up in the fall a certain quantity for winter use, leaving the rest in the ground until spring, to be dug as required. Aside from the value of the parsnip as a table vegetable, it is also one of the best roots for cultivation for farm purposes, furnishing a very nourishing food particularly adapted to and relished by dairy stock.

**Hollow Crown Sugar.**—This is the finest stock in cultivation. Deep hollow crown, delicate flavor, tender and smooth. (See cut). Pkt. 5c. Oz. 10c. ¼ lb. 15c. Lb. 40c.

## PEPPER.—(Pfeffer).

4 oz. to an acre.

CULTURE.—In March or April sow in a hot-bed or in a box for in-door attention, exposing the plants to the light, or air, as much as practicable. In six weeks they will be ready for transplanting. Select good soil and set the plants twelve inches apart in rows which should be two feet apart. Cultivate with hoe, and draw soil to the stems. Seed may be sown outdoors in May.

**Ruby King.**—Beautiful red color, mild and pleasant in flavor, very productive, can be used as a salad, and the best sort for Mangoes. Pkt. 5c. Oz. 25c. ¼ lb. 75c.

**Bell or Bull Nose.**—Large ribbed acrid; best for pickling. Pkt. 5c. Oz. 25c. ¼ lb. 75c.

**Long Red Cayenne.**—Red pods, small and acrid. Pkt. 5c. Oz. 25c.

## PARSLEY.—(Petersille).

CULTURE.—Seed should be sown thinly in drills as early in the spring as the soil can be dug in fine loose condition, as it germinates best during cool moist weather. When well started thin out or transplant to stand six inches apart in the row. The dwarf, moss-curled varieties make beautiful edgings for the garden beds when planted along the walks, and furnishes ornamental foliage for garnishing as well as seasoning for table use. Roots may be taken up and planted in boxes or flower pots in the fall for winter use and placed in a sunny window in the kitchen. As plants run to seed early in the spring the second year, fresh plantings should be made each season. A "packet" contains about 3000, and an ounce 15,000 seeds. Use one-half ounce to 100 feet of drill.

**Plain or Single.**—Plain leaves, excellent flavor. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Fine Double Curled.** — Fine, dwarf, crimped leaves. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Extra-Curled Dwarf or Emerald.**—This is a most beautiful and valuable variety. The moss-like leaves, of a handsome bright green color, are finely crimped and curled. For garnishing, no variety is more attractive. Pkt. 5c. Oz. 10c. ¼ lb. 25c. Lb. 75c.

**Extra Dark Moss Curled.**—This is very ornamental in growth, more so than many plants grown for decorative purposes. The leaves are of a peculiar, extra dark-green color. It is very productive, and from the densely curled character of its leaves a quantity of green seasoning or garnishing can be gathered in less time than with the more open-leaved varieties. Pkt. 5c. Oz. 10c. ¼ lb. 25c. Lb. 75c.

## PUMPKIN.—(Rurbis).

10 lbs. to an acre.

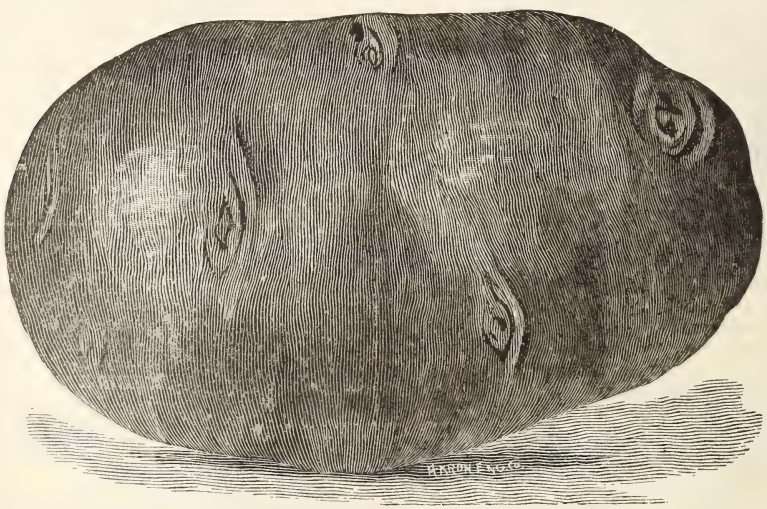
CULTURE.—Plant in May in hills eight feet apart. Allot ten seeds to each hill, as bugs often destroy the young plants, but never allow more than two or three healthy plants to remain in each hill.

**Connecticut Large Field.**—Very prolific; one of the best for stock. Qt. 15c. Pk. 75c. Bu. $2.50.

**Sweet Potato.**—One of the best pie and cooking pumpkins, of good size, slightly ribbed, skin of creamy white, dry and fine grained. Keeping well until late in the spring. ¼ lb. 25c. Lb 60c.

**Cushaw or Crookneck.** — Productive; color light cream, sometimes lightly striped. Pkt. 5c. ¼ lb. 25c. Lb. 70c. Postpaid.

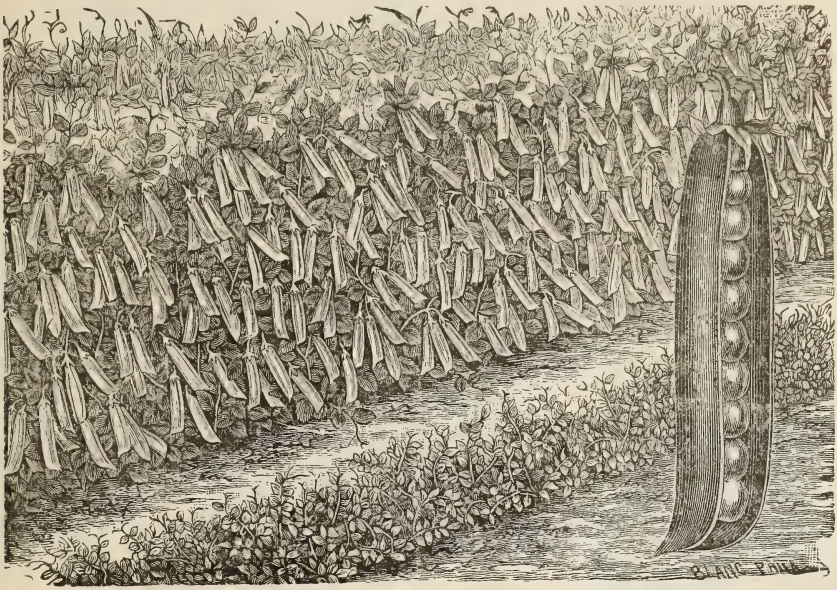
SEED POTATOES.



**Aroostook Seed Potatoes.**—All the leading varieties at lowest market prices. Get our prices before you buy.

# PEAS.—ESPECIALLY FOR SEED PURPOSES.

On account of the very short crop in some varieties of Peas, prices are subject to change without notices.



FIRST AND BEST PEAS.

**PEAS.**—(Erbsen).

Add 15c. per quart extra if to be sent by mail. 1 qt. for 100 ft. of drill, 2 bushels to the acre.

CULTURE.—For early crop sow in February or March, as soon as the ground can be worked, and in succession as desired.

Rich soil is the best. Make double rows, eight inches apart, then allow a clear space three feet or more between these and the next rows. Drop peas along these rows five inches apart, and between the rows plant brush to which the vines will cling. According to the growing tendencies of the different varieties, the brush or any other artificial support may be long or short.

For market crop sow in single rows three inches deep, and two or three feet apart, according to variety.

**First and Best.**— It is very profitable for the gardener and shipper because it is very early, ripens uniformly, so that all the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush or other support is required, as they seldom, under any circumstances grow to exceed 20 inches in height. Pt. 15c. Qt. 25c. Pk. $1.50. Bu. $5.00.

**Extra Early Alaska.**—The earliest blue pea. The dark green color of the pods makes it extremely desirable as it can be carried long distances without loosing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable pea for market gardeners. Height two feet. Pt. 15c. Qt. 25c. Pk. $1.50. Bu $5.00.

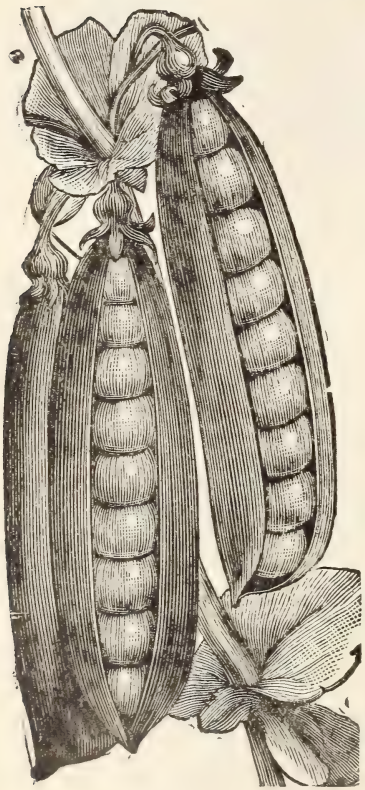
## EXTRA EARLY WRINKLED PEAS.

**Nott's Excelsior.**—The very best short vine. Wrinkled extra early pea. Vines are more vigorous and taller than the American Wonder, and the pods are one-third larger, containing often 6 to 8 large peas, closely compacted together, and for sweetness and quality it has no superior. Pt. 15c. Qt. 25c. Peck $1.50. Bu. $5.50.

**American Wonder.**—This variety stands unrivaled in point of productiveness flavor and quality, and is without exception the earliest wrinkled pea in cultivation. It is of dwarf and robust habit, growing from ten to fifteen inches high, and produces a profusion of good sized and well filled pods of the finest flavor. Dry peas, medium size, wrinkled and flattened, pale green. Requires liberal fertilizing. Pt. 15c. Qt. 25c. Pk. $1.50. Bush. $6.00.

## PEAS.—Continued.

PREMIUM GEM PEAS.



TELEPHONE.

**Herione.**—Has many very desirable qualtities which rank it the equal of our best Wrinkled Pea. A second early sort, grows two and one-half feet high, has strong and vigorous vines, laden with an abundance of large, handsome pods, filled with peas of most luscious quality. Pt. 15c. Qt. 25c. Pk. $1.25. Bu. $4.00.

### WRINKLED VARIETIES.

**Premium Gem.**—This variety is nearly as early as the American Wonder, and the vine is decidely larger, growing to a height of from twelve to fifteen inches, and bearing an immense crop of pods, which are larger and invariable well filled with peas of best quality. The dry peas are green, large wrinkled, often flattened. Pk. 15c. Qt. 25c. Pk. $1.50. Bu. $5.50.

**Telephone.**—A luscious wrinkled pea-pods, large size, and peas large, excellent quality, an enormous cropper, grows four feet high. Pt. 15c. Qt. 25c. Pk. $1.25. Bu. $5.00.

**Yorkshire Hero.**—A splendid and popular wrinkled green marrow pea, very prolific, exceeding luscious, and an abundant bearer; grows about two and a half feet high. Pt. 15c. Qt. 25c. Pk. $1.25. Bu. $4.50.

**Champion of England.**—Wrinkled.—A green wrinkled variety, famous for its delicious flavor. Consider it one of the finest varieties for family use, and will follow any of the second early varieties in ripening. Pt. 10c. Qt. 20c. Pk. $1.00. Bu. $3.50.

### GENERAL CROP.

**Dwarf White Marrowfat.**—Height three and a half to four feet. Peas large, standard variety. Pt. 10c. Qt. 15c. Pk. 75c. Bu. $2.50.

**Black Eye Marrowfat.**—Pt. 10c. Qt. 15c. Pk. 75c. Bu. $2.50.

## RADISH.—(Rettig).

PHILADELPHIA WHITE BOX.

1 oz. will sow 100 ft. of drill, 9 lbs. will sow an acre.

CULTURE. — Select light sandy soil; spade deeply and manure well. For early crop, sow in hot-beds in February or March. For main crop, sow at intervals from early spring until last of September in deep, rich soil. Broadcast sowing is allowable, but drilling is more professional however, radishes do well by either method. Thin when they crowd, or the crop will be imperfect. They may be drawn after a few weeks growth.

### EARLY VARIETIES.

**Philadelphia White Box.**— Has a very small top, color white, turnip shape, equally valuable for growing under glass or in opening ground. Pk. 5c. Oz. 10c. ¼ lb. 25c. Lb. 75c.

**Scarlet Globe.** — Very early for forcing; globe form and beautiful. Try it in your hot-beds. Pkt. 5c. Oz. 10c. ¼ lb. 25c. Lb. 75c.

**Scarlet Turnip, White Tip.** A very early and handsome variety. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Early Scarlet Turnip.**— Turnip shape, scarlet skin, fine flavor. Pkt. 5c. Oz. 10c. ¼ lb, 20c. Lb. 50c.

**Early White Turnip.** — Excepting color, like the red. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Long Scarlet.**—Short top, long deep scarlet roots, fine flavor. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**New Chartier.** — The color at top is crimson, running into pink at middle, and thence downward to pure waxy white. It will attain a very large size before it becomes unfit for use. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

**Early Scarlet Olive Shaped.** Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Long Brightest Scarlet.**— This is am improvement of the old time long scarlet, being somewhat thicker and not quiet so long; color bright scarlet, white tip, is very early, mild flavored, fine for forcing or out-door planting. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

**Long White Vienna or Lady Finger.**—This in shape resembles the long scarlet; color snow white, it is of very rapid growth; and remarkable crisp, brittle and tender. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

### SUMMER VARIETIES.

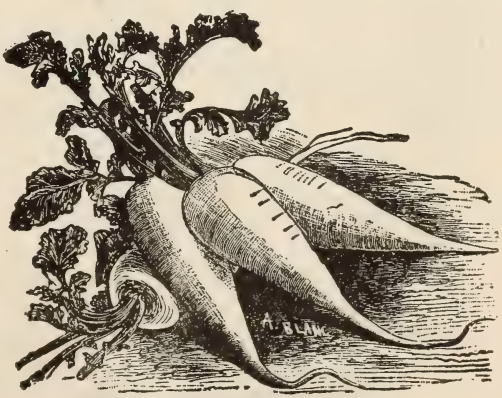
**White Strasburg.**— Large white radish, which stands summer heat; handsome shape and pure white color. (See cut) Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**French Breakfast.**—Quick growth, mild and tender, good for forcing. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

**Chinese Winter Rose.**—Pkt. 5c. Oz. 10c.

**Round Black Spanish Winter,**—Pkt. 5c. Oz. 10c.

**Long Black Spanish.**—Pkt. 5c. Oz. 10c.



WHITE STRASBURG RADISH.

## SPINACH.—(Spinat).

BLOOMSDALE SAVOY LEAVED SPINACH.

10 to 15 lbs. to acre.

CULTURE.—Select strong soil, spade deeply and manure. Sow broadcast or sprinkle seed freely in shallow drills one foot apart; but plants should never stand closer than six inches. The seed lies two weeks before sprouting, and good seed often spoils in the ground when circumstances do not favor germination.

**Long Standing.**—The best for spring sowing, because it will stand longer before running to seed than any other variety. ¼ lb. 10c. Lb. 25c.

**Bloomsdale Savoy.**—Well known and popular with market gardeners. The best and most profitable. Very curly. (See cut). ¼ lb. 10c. Lb. 25c. 10 lbs. or over 20c.

## SQUASH OR CYMBLING.

(Kurbis).

EARLY WHITE BUSH SQUASH.

Bush sorts, 1 oz. for 50 hills. Bush varieties, 5 to 6 lbs., and running varieties, 3 to 4 lbs. in hills for an acre.

CULTURE.—After the weather is settled and warm, plant in hills five to eight feet apart. Rich soil is best, but if necessary the hills alone may be enriched. Allot eight seeds to a hill, but do not allow more than three vigorous plants to remain at each hill. Keep soil loose and free of weeds. Water if drought prevails.

BOSTON MARROW SQUASH.

**Early White Bush Scalloped or Patty Pan.**—The best for early market use. Preferred for table. (See cut). Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Summer Crookneck.**—Early, fine flavor; a desirable table sort. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

**Winter Crookneck.**—Flesh red, fine flavor; largely grown for winter use. Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 60c.

**Boston Marrow.**—A splendid winter squash of good keeping qualities. Flesh bright orange, fine grain and flavor unsurpassed. It is oval-shaped and thin skin of bright orange color. For pies it is equal to the best pumpkin. (See cut). Pkt. 5c. Oz. 10c. ¼ lb. 20c. Lb. 50c.

**Hubbard.**—A desirable sort, suitable for winter use. Pkt. 5c. Oz. 15c. ¼ lb. 20c. Lb. 60c.

## SALSIFY OR OYSTER PLANT.

(Bocksbart).

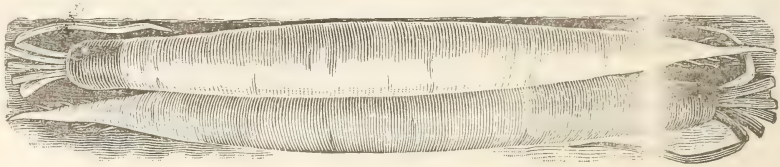
6 to 8 lbs. to an acre.

CULTURE.—Sow early in spring, in drills fifteen inches apart; cover with fine soil one and a hatf inches deep; thin to six inches apart. As soil is strong and inclines to depth and lightness, it proportionately is adapted to salsify. As the leaves resemble grass, be careful they are not mistaken in weeding. Salsify keeps over winter like parsnips.

**Sandwich Island Mammoth.** A new and improved salsify. Roots are very large and superior; grown extensively for our large city markets; much superior to other sorts. (See cut). Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.25.

**Large White.**—A very good variety for general use; handsome shape, large and smooth. Pkt. 5c. Oz. 15c. ¼ lb. 35c. Lb. $1.00.

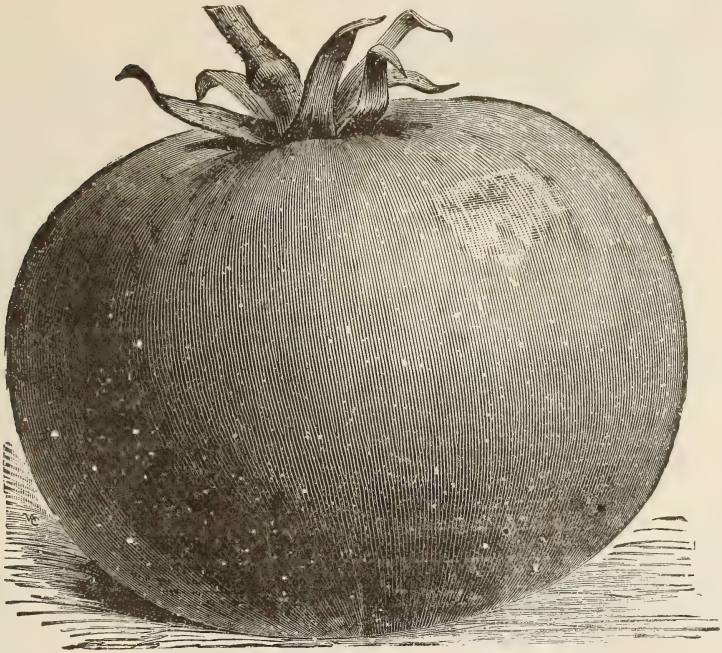
TRUE



STOCK.

MAMMOTH SANDWICH ISLAND SALSIFY.

## TOMATOES.—(Liebesapfel).



NEW STONE TOMATO.—BEST FOR MAIN CROP.

1 oz. to 1500 plants. 4 to 6 oz. (to transplant, for an acre.

CULTURE.—Seed may be started in hot-beds in March or sufficient plants for family use can be grown in pots or boxes in-doors with very little trouble.

Be particular to give plants the benefit of the fresh air and sun whenever judicious, for the purpose of hardening them: and cover with mats when necessary to prevent them from frosting. The two extremes of heat or cold are equally injurious. It is customary with the best gardeners to remove the plants from the hot beds to the cold frames, allowing a distance of several inches between the plants. In May select and prepare the soil, and set the plants three feet apart each way. Hoe and draw earth to the stem. When the plants crowd, the fruit will be small. Have the soil very rich. For general crop sow from middle of April or during May, in open air, selecting good soil, in a location much exposed to the sun and sheltered by a hill, fence or woods on the North.

**New Stone.**—This tomato ripens for main crop, is very large and of bright scarlet color, very smoth, ripens evenly to the stem without a crack, exceedingly solid and firm flesh, (as its name indicates). (See cut). Pkt. 5c. Oz. 20c. ¼ lb. 50c. Lb. $1.60.

DWARF CHAMPION TOMATO.

## TOMATOES.—Continued.

**Livingston's Beauty.**—A decided favorite for home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a tingue of purple. It grows in clusters of four to six large fruits, retaining its large size late in the season. It ripens with Acme and Perfection, and is entirely free from ribbed and elongated fruit. It is very firm fleshed, has a tough skin and but few seeds. It seldom rots or cracks after a rain like many of the tender skinned sorts. For shipping and early market it cannot be excelled, on account of solidty, toughness of skin, and especially its handsome color; it can be picked quite green, and look well and ripen up nicely, will keep perfectly for a week after it is ripe. Used largely by marketmen and long distance shippers everywhere. Pkt. 5c. Oz. 20c. ¼ lb. 40c. Lb. $1.50.

**Acme.**—Early, of medium size, perfectly smooth, very solid and a great bearer, crimson color with a pinkish cast. Pkt. 5c. Oz. 20c. ¼ lb. 40c. $1.50.

**Buckeye State.**—Very productive; large, smooth, purple. Pkt. 5c. Oz. 20c. ¼ lb. 60c. Lb. $2.00.

**Trophy.**—Very large, solid and generally smooth; selected strain. Pkt. 5c. Oz. 20c. ¼ lb. 60c. Lb. $2.co.

**Prizetaker.**—A splendid marketable tomato. Pkt. 5c. Oz. 15c. ¼ lb. 50c. Lb. $1.50.

**Queen.**—Large, perfect tomato. Pkt. 5c. Oz. 15c. ¼ lb. 50c. Lb. $1.50.

**Dwarf Champion.**—This new tomato is dwarf and compact in growth, the plants growing stiff and upright, with thick jointed stems and foliage unlike any other tomato. It is very early, smooth, medium size, sound, handsome and abundant bearer. Pkt. 5c.-10c. Oz. 20c. ¼ lb. 60c. Lb. $2.00. (See cut).

**Paragon.**—Somewhat resembles the Queen, and an immense cropper. Pkt. 5c. Oz. 20c. ¼ lb. 50c. Lb. $1.75.

**Favorite.**—This is a large, perfect shaped tomato. One of the best. Pkt. 5c. Oz. 20c. ¼ lb. 40c. Lb. $1.40.

**Pondorosa or Big 400.**—Perfectly firm and solid, of deep red color, and most delicious flavor. Pkt. 5c. Oz. 25c. ¼ lb. $1.00.

**Perfection Tomato.**—An old reliable sort of much merit. Pkt. 5c. Oz. 15c. ¼ lb. 40c. Lb. $1.40.

**Trucker's Favorite.**—The best of all main crop, purple colored tomatoes. It originated in Burlington County, N. J.

It is one of the largest tomatoes grown, and is most regular in shape and size. Color purplish-red, very solid, firm flesh. a good keeper, and not subject to rot or crack on the vines. It is an excellent shipper, and sold in Philadelphia markets at better prices than any other variety at the same time. Pkt. 5c. Oz. 30c. ¼ lb. $1.25.

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## TOBACCO.

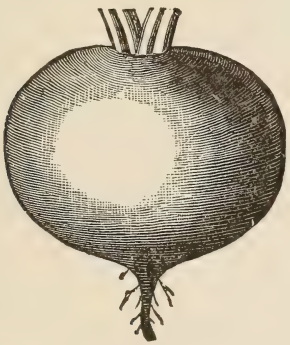
CULTURE.—Sow in hot-beds or in open ground, soon as can be worked in spring, when plants are large enough, transplant in rows three feet each way.

**Connecticut Seed Leaf.**—Pkt. 5c. Oz. 25c.

## TURNIPS.—(Steckrube).

1¼ to 2 lbs. to the acre.

CULTURE.—Choose good sandy, pliant soil. Where the soil is poor, incorporate rotten manure. Choice determines between sowing in drills and broadcast, but in respect to Ruta-Baga, experience inclines to drills. Drills should be 18 inches apart, and the plants 8 or 10 inches distant in the rows Thinning is equally necessary when sown broadcast. Good cultivation will improve the crop. During November remove the crop in anticipation of frost, trim the leaves within one or two inches of the bulb, then store the turnips away in the cellar, covering freely with straw, and sheltering all with a covering of dry earth. The same precaution will protect them out-doors. Pile the turnips in hills, small at the top, sloping gradually, and observe the same form with the covering to prevent the lodgement of moisture.



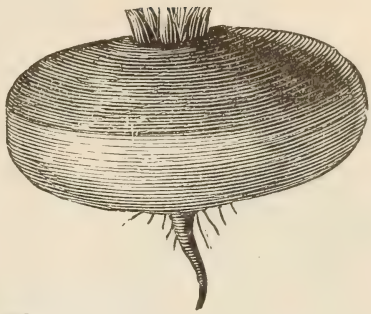
**Purple Top White Globe.**—A standard white variety, with purple top, handsome, globe shaped, and heavy cropper; leading turnip among truckers and gardeners. Oz. 5c. Lb. 40c.

**Amber Globe.**—A good variety for general crop. Flesh, solid and sweet; keeps well late in spring, grows large; fine for table or stock. Oz. 5c. Lb. 40c.

**Yellow Aberdeen.**—Hardy, good keeping turnip; yellow flesh and very productive. Oz. 5c. Lb. 40c.

## NOTICE.

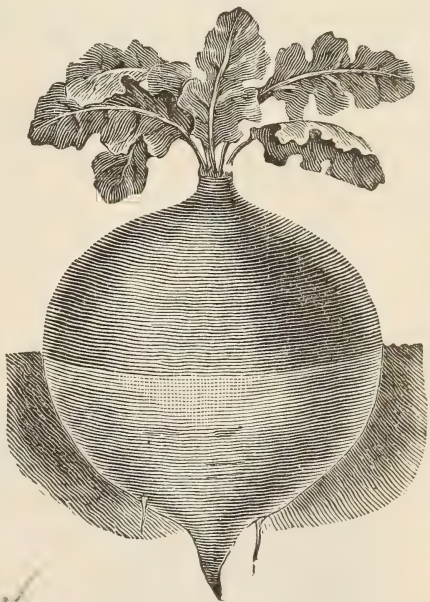
The greatest care is taken to supply every article true to name, and of the very best quality; at the same time it is understood that we do not warrant our seeds and that we are not in any respect responsible for any loss or damage arising from any failure thereof.



RED TOP STRAP LEAVED TURNIP.

**Purple Top White Flat.** — A rapid growing white, flat, strap leaf turnip, with purple top; mild flavor, and very popular for early use and general crop. Oz. 5c. Lb. 40c.

## RUTA-BAGA.



**Improved American Purple-Top Ruta-Baga.**—Very hardy and productive; flesh, yellow, solid and sweet good for table use or stock. (See cut). Oz. 5c. Lb. 40c.

For culture, see turnip.

**Observe,** that on account of short crops in some varieties of seeds, prices are subject to change without notice.

## HERBS.—(Gewortze).

CULTURE.—Select light, rich soil and lay off in shallow drills one foot apart, along which sprinkle the seed and cover slightly. Do not let the plants stand closer than two or three inches.

| | Pkt. | Oz. |
|---|---|---|
| Marjoram | 5c. | 35c. |
| Sweet Basil | 5c. | 15c. |
| Sage | 5c. | 15c. |
| Thyme | 5c. | 15c. |
| Lavender | 5c. | 25c. |
| Savoy | 5c. | 15c. |
| Dill | 5c. | 15c. |

## A FULL ASSORTMENT OF
# FLOWER SEEDS

Put up nicely in Illustrated Papers, explaining Culture, etc., etc.

**Packet 5 Cents.**

## SUMMER FLOWERING BULBS.

CALADIUM OR ELEPHANT EARS.

GLADIOLI AND TUBEROSE BULBS.

DAHLIA, CANNA AND MADERIA VINE ROOTS.

SWEET PEA HEDGE.

## SWEET PEAS.

The demand for Sweet Peas has increased more and more each season, that the past few years have placed them in the first ranks among flowering plants.

**Eckford's Fine Mixed.**—This is a splendid mixture, which includes nearly all of the best varieties. Pkt. 5c. ¼ lb. 15c. Lb. 40c.

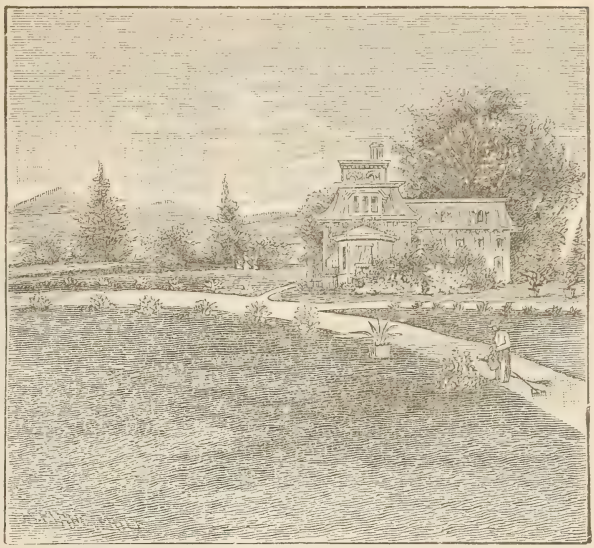
**Emily Henderson.**—Pure white very productive, one of the earliest, popular with florists for forcing. Pkt. 5c. ¼ lb. 20c. Lb. 50c.

## GRAFTING WAX

One-quarter pound package, 10 cents. One-half pound, 15 cents. Pound, 30 cents.

**WE PAY SPECIAL ATTENTION TO OUR SEED DEPARTMENT.**

## CAPITOL CITY LAWN GRASS SEED.



Our mixture of Grass Seeds for Lawns, Parks, Tennis and Cricket grounds is composed of the finest varieties of grasses, each of which has its season of beauty, and the result of this blending, is the producing of a sod that is not only always evergreen and velvety in appearance, but of the color and beauty of the emerald.

Seeding is preferable to sodding, because it is cheaper, and will soon cover the earth with a luxuriant growth of thrifty grass and if fertilized spring and fall will last indefinitely.

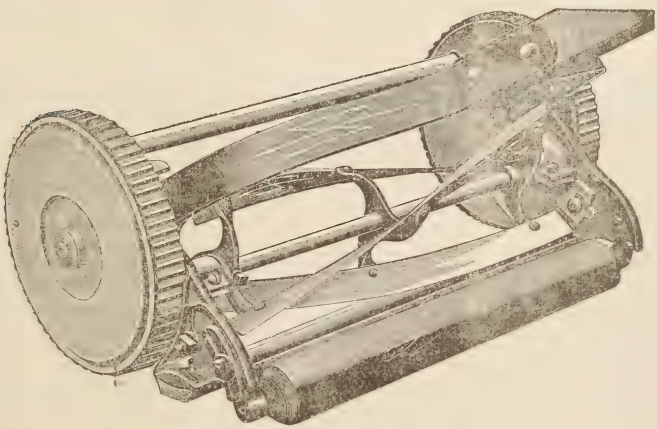
Frequent mowing prevents natural seeding, which grasses annually supply in abundance to restore and thicken sod. Hence, when the grass is injured by tramping, or thinned by any other cause, the best and most natural method to restore its beauty is to sow seed plentifully. Use two pounds of seed on a space 20x40, or 800 square feet.

To prepare the ground for seeding Lawn grass, is should be plowed deeply, cross plowed, and the soil finely pulverized and enriched. Use fertilizer and avoid the danger of an importation of seeds, the growth of sorrel, weeds, etc., liable to be in barnyard manure.

The seed should be covered very slightly and a roller run over the ground after sowing. Pt. 10c. Qt. 20c. Lb. 25c. Pk. 75c. Bu. (of 14 lbs.) $2.50.

## GIRARD LAWN MOWERS.

EVERY MOWER IS



FULLY WARRANTED.

| | |
|---|---|
| 10 inch | $3.25 |
| 12 " | 3.75 |
| 14 " | 4.00 |
| 16 " High Wheel | 4.50 |
| 18 " " | 5.00 |

# INSECT DESTROYERS.

The great merit of this Insectcide lies in its non-poisonous properties. No danger need be apprehended by the person applying it, nor will it injure animals, should they eat it—unless in large quantities. It does not render injurious the vegetables or fruits to which it is applied, and yet it is probably the best Insect Destroyer that has ever been offered. It is particularly useful for the prevention and destruction of Potato Bugs and all Worms and Insects that infest our gardens.

5 pound package for **25** cts. 10 pound package for **45** cts. Special prices on larger quantities in bulk.

---

**PARIS GREEN.**

In any quantity at lowest prices.

Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.

Bug Death is a patented, non-pisonous powder, and is entirely different from anything that has ever been placed on the market, and overcomes all the objections to the deadly poisons that the farmers have been obliged to use in the past. It is just as effectuel as Paris Green and other dangerous insect powders.

It is sure death to the potato, squash and cucumber bugs, currant and tomato worms, also other plant and vine eating pests.

1 pound package **15** cts. 3 pound pack- **35** cts. 5 pound package **50** cts. 12½ pound package **$100.** Perfection shaker for applying Bug Death dry, to potato vines, **65** cts.

---

# PLANTS.

**IN SEASON.**

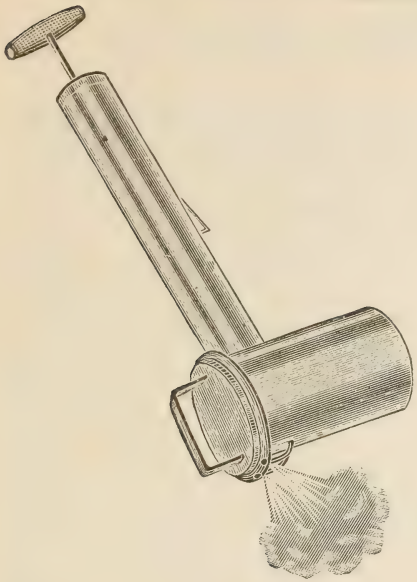
Cabbage,
Celery,
Egg Plant,
Tomato,
Pepper,
Lettuce and
Cauliflower,

At Lowest Market Prices.

# GRASS SEEDS.

Red Clover,
White Clover,
Crimson Clover,
Timothy,
Red Top,
Orchard Grass,
Blue Grass,
Hungarian Grass and
German Millet,
Seed Wheat,
Rye and Oats,

At Lowest Market Prices.



THE

## DOUBLE TUBE

No. 9

## Lightning Insect Exterminator

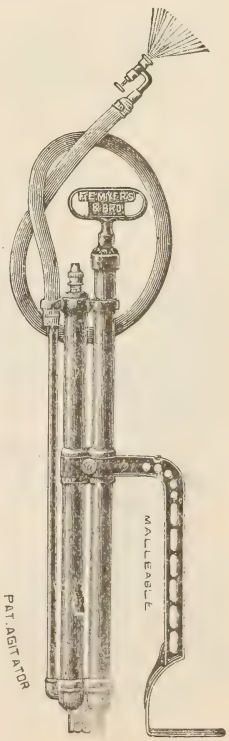
These Sprayers throw a very fine spray of any liquids usually used for destroying insects, bugs, etc., and for keeping cattle free from flies during the Summer weather. They are particularly recommended for spraying all kinds of plants, bushes, vines, trees, interior of henneries, and also for spraying horses and cattle to keep off the flies.

Price.....75 cents.

THE

# Myers Imperial Brass Spray Pump.

This Spray Pump is constructed entirely of brass, a material that is not affected by the poisonous arsenities used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The foot rest steadies the pump, holding it in the proper position.

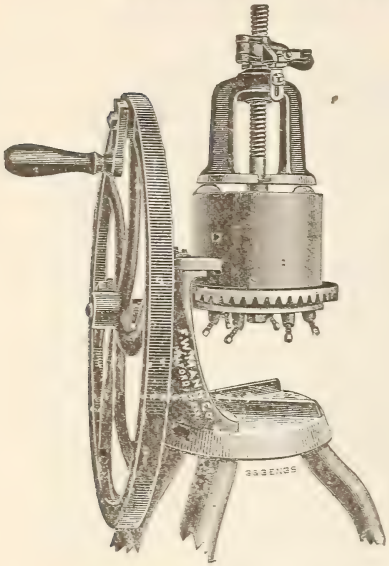



It is provided with a large air chamber, and has ball valves; the pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. The operator is enabled to keep a constant pressure on the nozzle of from fifty to one-hundred pounds with very ordinary exertion. Will throw a solid stream fifty feet, and is of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc.

For spraying is so arranged as to discharge a fine jet in the bottom of bucket, to keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only, and a very necessary feature to a spray pump.

Price.....$3.50.

# Mann's Green Bone Cutters.



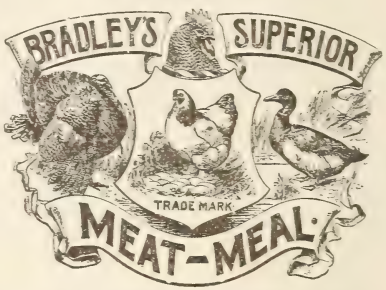
Are a necessity in successful poultry raising.

Eggs are doubled and hens invigorated by its use.

## NET CASH PRICES.

| | | |
|---|---|---|
| No. **5C,** | (with Crank Handle).... | $ 6.00 |
| No. **5B,** | (with Balance Wheel)... | 8.00 |
| No. **5BM,** | (with Balance Wheel and Iron Stand)..... ..... | 10 40 |
| No. **7,** | (with Balance Wheel)... | 12.00 |
| No. **9,** | (Standard Bone Cutter). | 18.40 |
| No. **11,** | (Comb'n Power Cutter). | 26.00 |
| No. **12,** | (Small Power Cutter)... | 30.00 |
| No. **13,** | (Large Power Cutter)... | 60.00 |
| No. **14,** | (Large Power Cutter)... | 76.00 |
| **Clover Cutter,** | (with Balance Wheel).... | 8 00 |
| **Clover Cutter,** | (with Balance Wheel and Iron Stand)..... .. | 10.00 |
| **Mortar** | (Perforated, Cast Iron). | 3.00 |

## BRADLEY'S SUPERIOR MEAT-MEAL.




As now prepared is unrivaled. It is not only rich in Protein, which furnishes an abundance of Album, but in Nitrogen, Bone Phosphate Fat; the proportions being so arranged as to best develope the body and maintain the health of the birds.

Its use insures a structually perfect egg, and this means more chickens and better chickens from your eggs—a special point for those who hatch winter chickens to keep in mind.

A considerable amount of liver is now used in its construction, thus preventing any tendency to scour, which is so common a fault with all other animal meal. It is not weighted with grit or oyster shell, like some imitations sold at prices which may seem cheap, but in fact are dear.

Put up in **White Bags Printed Red.** See that the trade mark is on every package, and take no other.

100-lb. bags, **$2.25.** 50-lb. bags, **$1.25.** 25-lb. bags, (trial size). 75 cents.

**Beef Scrap. Ground Oyster Shell. Crushed Bone. Mica Grit.**

## BLACK HAWK CORN SHELLER.

**Original in every Feature.**

**Never Breaks or Fails to do Good Work.**

**Shells Fast, Shells Clean, Shells Easily.**

**Largely of Malleable Iron.**

**Every one Warranted.**

**Insist on having the Original and Best.**

Price.....**$2.00.**

# POULTRY SUPPLIES.

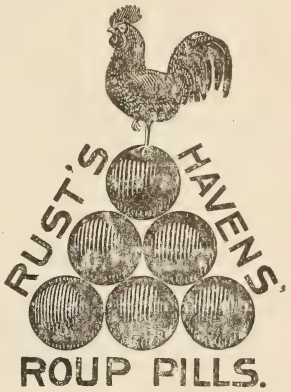
## CLIMAX CONDITION POWDERS

### FOR STOCK AND POULTRY.

The only positive preventive and cure for Gapes and Poultry Cholera, and a most excellent medicine for young Turkeys that have been exposed to the weather: also as an excellent medicine for Horses, Cattle, Sheep and Hogs. All who have used Haven's Climax Condition Powders once will have it again.

13-oz. packages, 25 cts.: by mail 40 cts. 32-oz. packages, 50 cts. 5-lb. box, **$1.00.**

## HAVEN'S ROUP PILLS.




**For the Cure of Roup, Catarrh, Colds and Distemper.**

It was formerly the habit of fanciers, farmers and others, whenever roup appeared in a flock, to kill the fowls affected and remove them immediately, to prevent the spread of the disease. The practice is, happily, no longer necessary since the introduction of **Haven's Roup Pills.** Price, per box, 25c.: by mail, 28c.: per doz., by express, **$2.50.** Box of 250 pills, **$1.00.**

They entirely cured my fowls of Roup.—A Wolfe, Lebanon, N. J.
Haven's Roup Pills are simply wonderful.—C. Treux, harness dealer Freehold, N. J.

• TRADE MARK REGISTERED •

**Pratt's Food** will make hens lay all the year, and is excellent for feeding young chicks. For large fowls mix one ounce with the food for 15 or 20. For 15 or 20 chicks give one-hal ounce every other day. 1⅛-lb. package 25c.; 5-lb. package, 60c.; 12-lb. bulk, **$1.25**; 25-lb. bulk, **$2.50.**

**Pratt's Food** for Horses, 7 lbs. 50c.; 12½ lbs. 75c.

**Pratt's Animal Regulator,** 25c. package.

**Makes Hens Lay when Eggs are High Priced.**

A scientific combination of substances which, when assimilated by fowls, produce eggs, plumage, growth and developement, exactly as certain foods produces milk in cows or fertilizer increases crops.

It contains, in addition, valuable tonics and remedical agents, which insures perfect assimilation and robust health, without which the best results cannot be obtained. It makes hens lay in summer and winter. Price, 1 lb. package, 25c.: by mail 44c.: 2½ lb. box, 50c.: by mail, 94c.: 6 lb. box, **$1.00**: 10 lb. box, $1 50: 25 lb. box, $3.50.

**China Nest Eggs.....25 Cents Per Dozen.**

## PRATT'S FOOD.

### FOR HORSES AND COWS.

# FERTILIZERS.

We Manufacture our well known Brands of Fertilizers which we are pleased to offer the Farmers and Gardeners for 1902

## PURE RAW BONE.

ANALYSIS.

Bone Phos. of Lime.....47 per cent.
Ammonia.....4 "

Put up in 200 pound bags, 12 bags to the ton.

## POTOMAC AMMONIATED SUPER-PHOSPHATE.

**For Potatoes, Cabbage and General Garden Truck.**

ANALYSIS.

Ammonia.....4 per cent.
Potash, K. O.....1½ "
Nitrogen.....3 "

Put up in 167 pound bags, 12 bags to the ton.

## SPECIAL TOBACCO AND CORN FERTILIZER.

Made of high Grade Goods and which are well known to the **Farmers** and **Gardeners** of **Maryland** and **Virginia.**

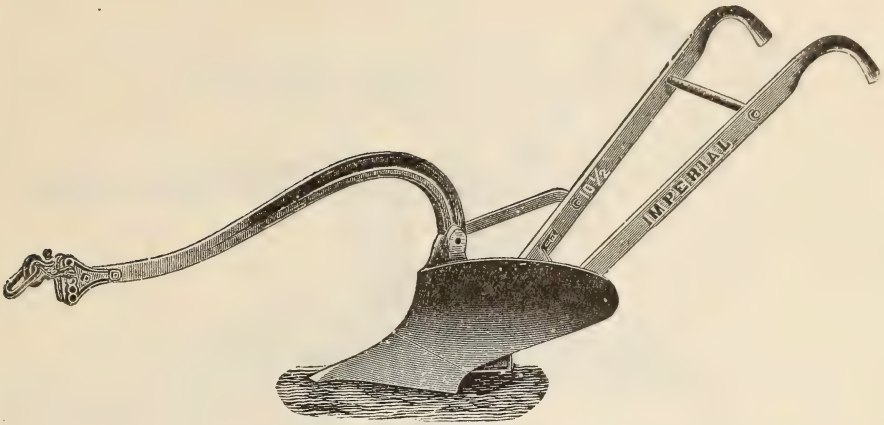
## GIVE THEM A TRIAL.

## CAN FURNISH HIGH GRADE.

Nitrate of Soda, Muriate of Potash, Ground Fish and Tankage Dissolved South Carolina Rock and Land Plaster.

**PRICES WILL BE GIVEN ON APPLICATION.**

# Gibbs "Imperial" Steel Beam Plows.




**No. 10½ Size, R. H. Price, $9.00**

Imperial Plows are made in all sizes, steel, chilled or combination, from a small pony, to a large two or three horse plow, either right or left-hand. Wood or steel beam, with or without wheel and jointer, knee cutter, fin cutter, rolling cutter; improved to date.

Imperial Hillside Plows in wood or steel beam, all sizes.

Wood and cast beam Road plows, Vineyard plows, Grub or New Ground plows, Sulky plows and Gang plows.

For two-horses. Chilled. Weight 100 pounds.

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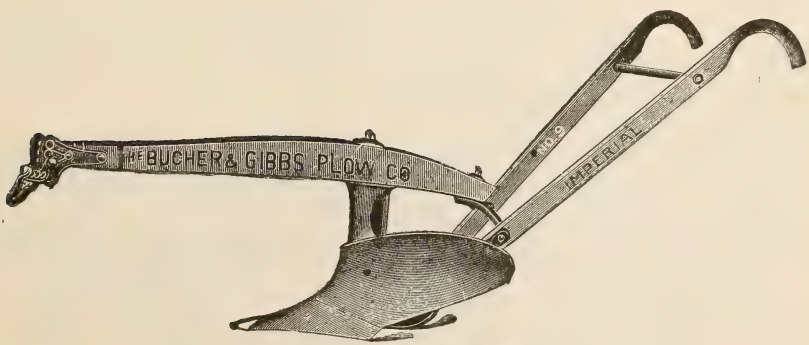
# Gibbs "Imperial" Wood Beam Plows.




**The above Cut represents No. 8. Price, $5.50**

A light plow for one-horse.

Weight, 65 pounds.

# Steel King Plows.

| Number. | [ Same size as Oliver Pattern. ] | Plows. |
|---|---|---|
| "**Pony**" | (No. A) | $2.50 |
| "**A**" | ( " B) | 3.00 |
| "**B**" | ( " 10) | 3 50 |
| "**C**" | ( " 13) | 5.00 |
| "**D**" | ( " 19) | 6.00 |

Plows include wrench and one hardened steel share extra.

The base of these plows is made entirely of steel, with hardened steel share. Landside has suction device for regulating in hard ground. The success attending the introduction and sales of these plows the past seasan, enables us to offer them again with confidence. They are well made, nicely finished, and do first-class work. We have greatly reduced prices of both plows and repairs, and this will add greatly in making the "Steel King" **the** popular plows.

---

Oliver Chilled Plows.

Farmers' Friend Plows,

Minor & Horton Plows.

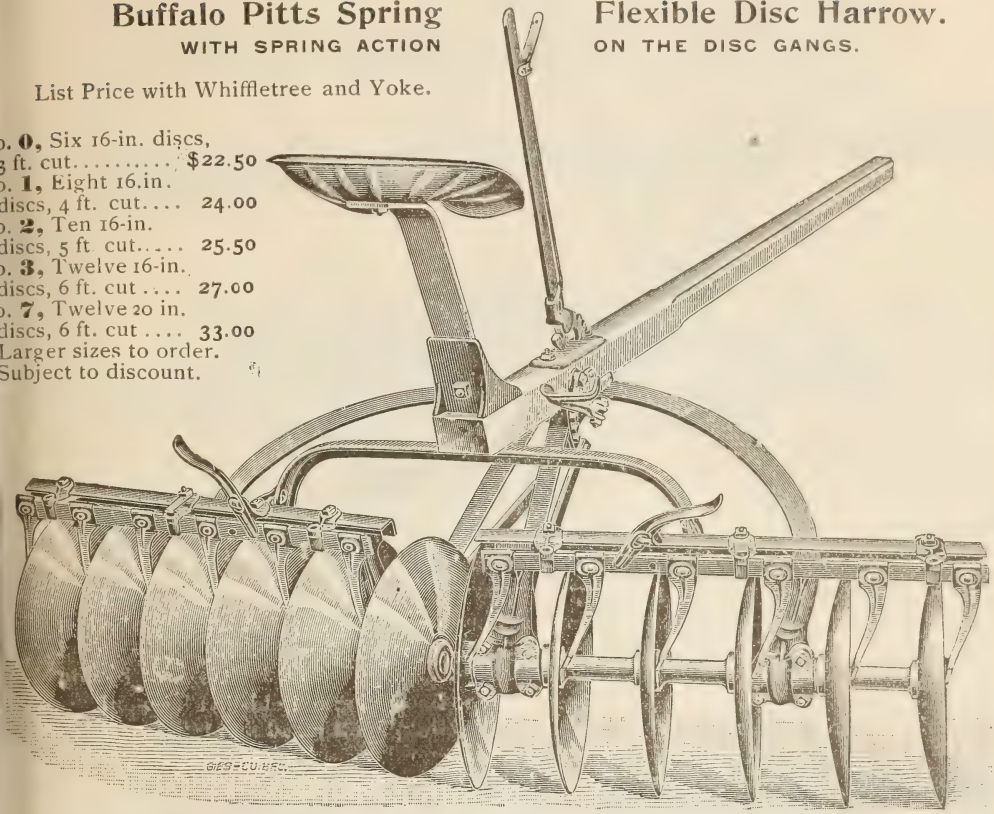
Repairs for the Imperial and all other Leading Plows.

## Buffalo Pitts Spring Flexible Disc Harrow.

WITH SPRING ACTION ON THE DISC GANGS.

List Price with Whiffletree and Yoke.

No. **0**, Six 16-in. discs, 3 ft. cut..... $22.50
No. **1**, Eight 16.in. discs, 4 ft. cut.... 24.00
No. **2**, Ten 16-in. discs, 5 ft cut..... 25.50
No. **3**, Twelve 16-in. discs, 6 ft. cut.... 27.00
No. **7**, Twelve 20 in. discs, 6 ft. cut.... 33.00
Larger sizes to order.
Subject to discount.

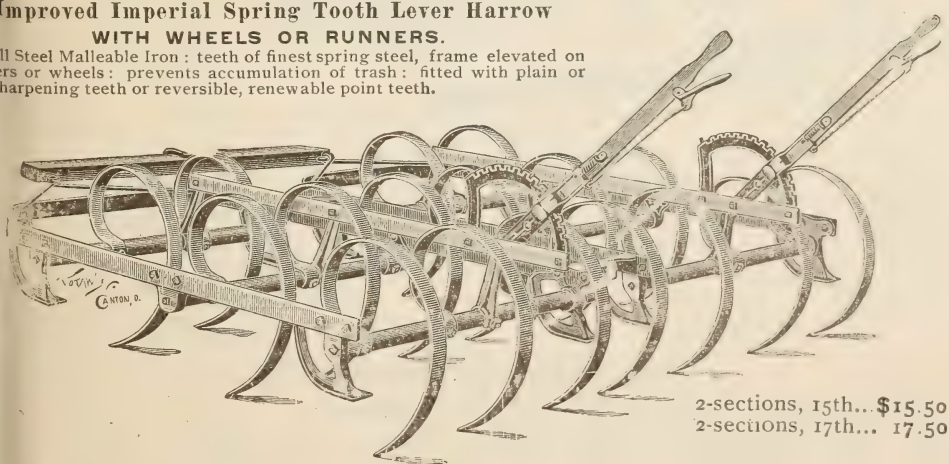


The only Disc Harrow made having a spring pressure device, which alone places it far in advance of any competitor. The greatest objection to all other disc harrows, is the "humping-up" in the centre, causing the outer discs to run deeper than the centre ones with consequent uneven depth of work. This is all overcome on the Pitts' by a pair of flexible steel springs running from the pole to the main axle, controlled by foot of driver.

## Improved Imperial Spring Tooth Lever Harrow

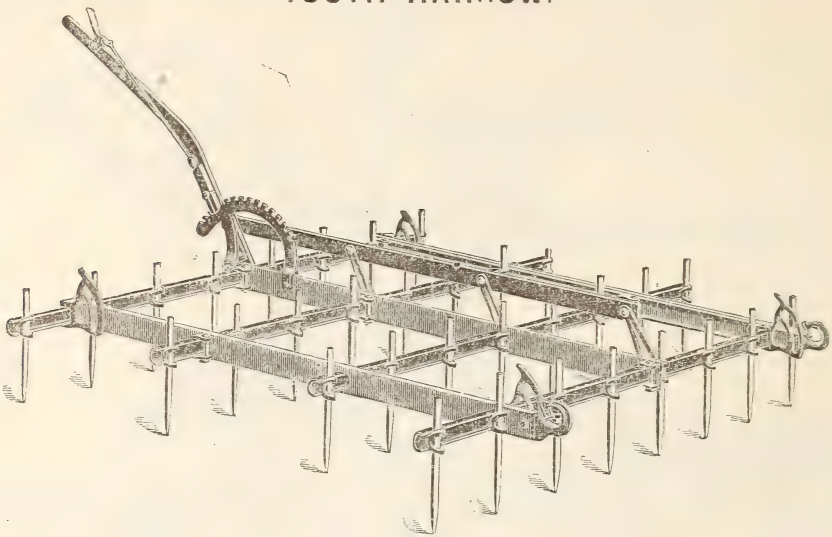
WITH WHEELS OR RUNNERS.

All Steel Malleable Iron: teeth of finest spring steel, frame elevated on runners or wheels: prevents accumulation of trash: fitted with plain or self-sharpening teeth or reversible, renewable point teeth.



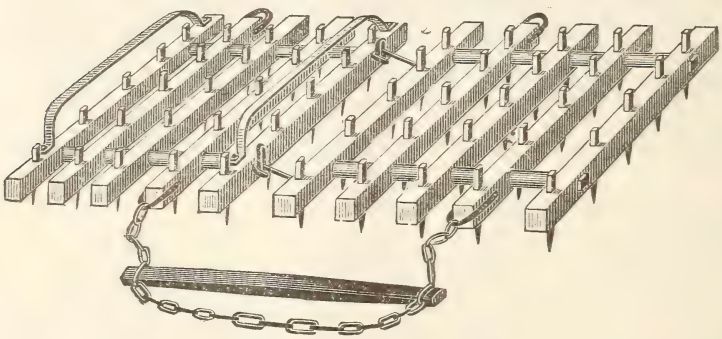
2-sections, 15th... $15.50
2-sections, 17th... 17.50

REPRESENTS TWO-SECTION IMPERIAL SPIKE TOOTH HARROW.



2-section, 50 teeth.....$10.50
2-section, 60 teeth..... 11.50
3-section, 75 teeth..... 16.50

# The Kain Two=Section Harrow.



The above cut represents the Kain Two-Section Harrow.

We make two sizes of this harrow. The larger size has 50 teeth and cuts eight feet and six inches wide. The smaller size has 40 teeth and cuts six feet and six inches wide.

Our two-section harrows are guaranteed better make, better finish, and have more superior points of excellence than ordinary Scotch harrows to which they should not be confounded.

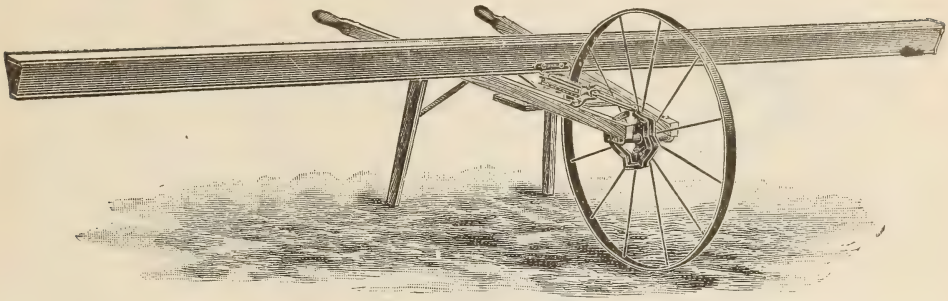
2-section, 40 teeth.....$ 9.00
3-section, 45 teeth..... 12.00

## GARDEN HARROWS.

We also make a Gardener's Harrow of 24 and 30 teeth.

1-section, 24 teeth.....$5.50
1-section, 30 teeth..... 6.50

# Star Force-Feed Grass Seeder.



THE LATEST AND BEST WHEELBARROW SEEDER ON THE MARKET.

It not only forces the seed out when in operation but prevents the seed from escaping of its own weight when not in use. The device for changing quantity is exceedingly simple, sowing from 2½ to 46 pounds of clover seed to acre or any intermediate quantity. Seeders that change quantity by a bolt in a series of holes cannot sow the intermediate quantities represented by the space beween the holes.

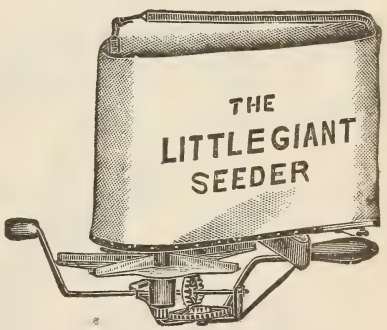
It is with renewed confidence that we offer the **"Star" Seeder** having enjoyed a large trade in the last several years and received unqualified endorsments.

14 foot box takes in two drill rows.....$6.50
16 " for orchards..... 7.00

# The Little Giant Seeder.

**Greatest Labor Saving Invention of the Age.**

**STRONGEST!**
**PRETTIEST!!**
**LIGHTEST!!!**
**SIMPLE IN CONSTRUCTION!**
**EASIEST RUNNING!!**




Has a pressed Tin Distributing Wheel, which is found in no other seed sower. No feed plate to carry. The agitator, or force feed is found in no other sower.

Price.....$1.75

# Cahoon's Patent Broadcast Seeder.

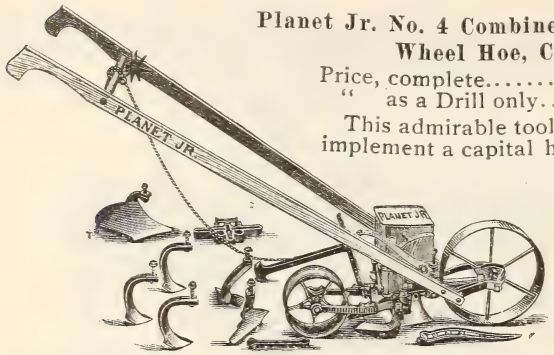
FOR SOWING

Wheat,
Barley, Oats,
Buckwheat,
Rye, Hemp, Rice,
Grass Seeds, Etc.

Price.....$3.50

# THE PLANET JR. GARDEN TOOLS.

A separate catalogue containing full line of the Planet Jr. Implements will be sent to all who apply for it.




**Planet Jr. No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow.**

Price, complete.....$10.00
" as a Drill only..... 8.00

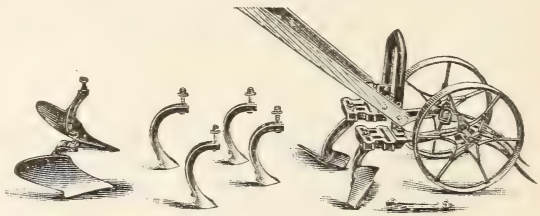
This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder is like the No. 5, sowing in continuous rows, or dropping in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It than becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied when specially ordered. Price, **$1.00**

**No. 12 Double Wheel Hoe, Cultivator and Plow.**

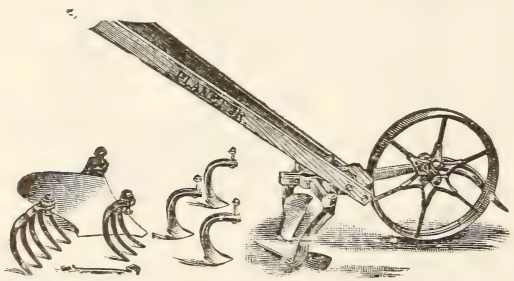
Price, **$6 50**

This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at correspondingly less price. The tools shown and sold with No. 12 are what gardeners use most, and the others can be added as wanted



**Planet Jr. No. 16 Single Wheel Hoe, Cultivator, Rake and Plow.**

Price.....$5.50

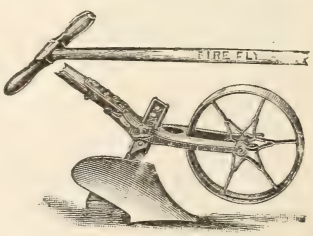



This latest and best single wheel hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad ace; is very light, strong and easy running. It has adjustable handles and quick-change frame. The tools are a well-shaped plow for marking out, plowing, covering, and late cultivation; a pair of 6-inch shield hoes and three all steel patent cultivator teeth; also a set of two rakes, just the thing for preparing ground for the seed drill. A practical leaf-guard holds up the plants, while thorough work is being done underneath: the frame changes in height, and the wheel may be attached to the other side of the frame, when both sides of the row may be hoed at one passage.

**The Fire-Fly Garden Plow.**

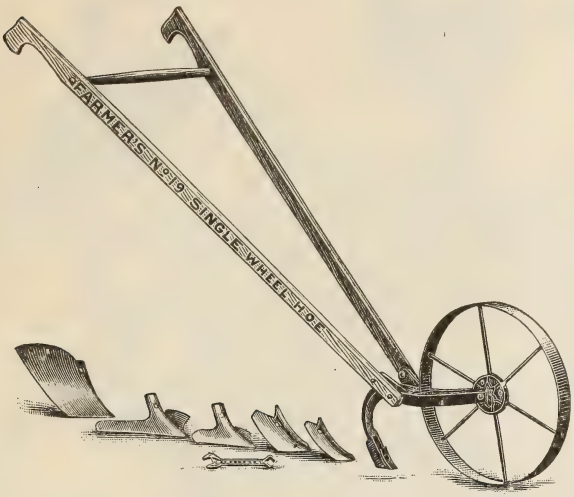
Price .....$2.25

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken-raisers will find it very useful in plowing up the scratching yards. The moldboard if of tempered and polished steel: the depth is quickly changed.



## Farmers No. 19 Single Wheel Hoe, Cultivator and Plow.

Price.....$3.50



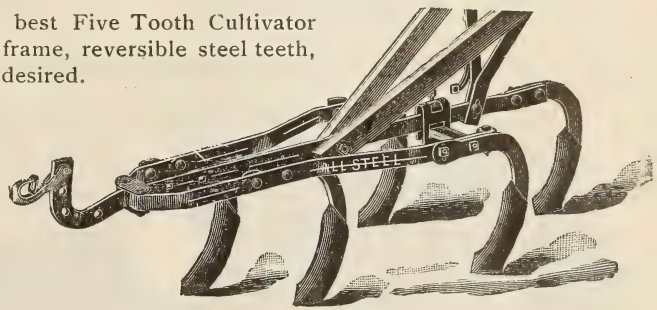

This new and attractive implement is especially designed for the Farmer's Garden Work, though it offers to everyone with either field or garden, a cheap and effective tool for all hand wheel hoe operations.

The wheel is high and is made with stiff steel rim and spokes, and a combination steel and malleable iron hub. The wheel arms are steel and and the frame of the tool is attached adjustably to the wheel arms, so that the heighth of the handles may be readily changed to suit man or boy.

The standard is slotted to make regulation of depth easy and by means of an adjustable malleable filling piece, the same standard is made to carry perfectly all the steels that come with the machine.

## Steel Frame Cultivator.

In all respects the best Five Tooth Cultivator built. Steel expanding frame, reversible steel teeth, with or without lever as desired.

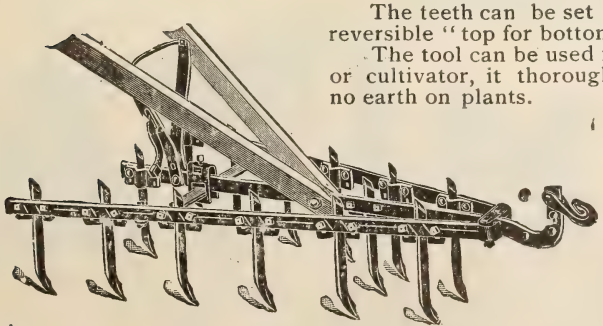



Price.....$2.25. Add for lever expander.....50c. Add for wheel.....75c.

## 14 Tooth Steel Harrow.

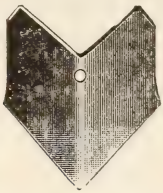
The teeth can be set at several angles, and are reversible "top for bottom."

The tool can be used in garden as either harrow or cultivator, it thoroughly pulverizes, but throws no earth on plants.



Price.....$3.50 Add for lever expander.....50c. Add for wheel.....75c.

## Set of Horsehoe Attachments.



May be used to advantage in hoeing from or covering the crop. Attachable to either of above tools.

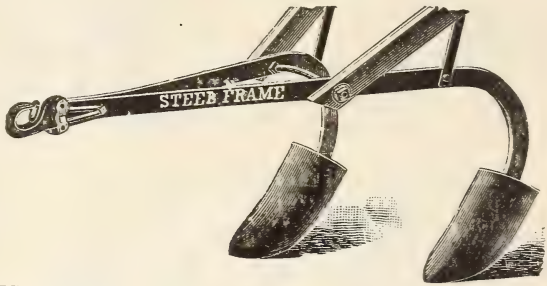
Price, per set.....$1.35

# Malta Double Shovels Plows.

Blade has two holes. Clevis is adjustable. Frame all steel.

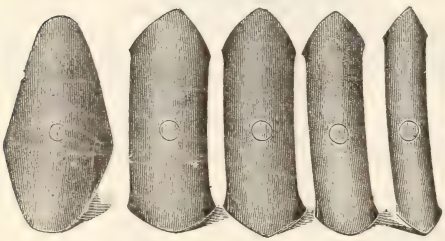
The beams on this plow are made of steel, 1½x⅝ inches. This gives the plow a light draft and the beams are stronger than those made of 1½x¾ inch iron. Size of shovel, 6x11x7-16 inch.

Price, Double Shovels.....$2.25
" Single " ..... 2.00
" Triple " ..... 3.25

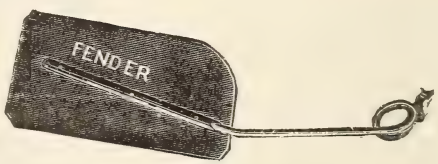



## SINGLE, DOUBLE AND TRIPLE TREES—AT LOWEST PRICES.

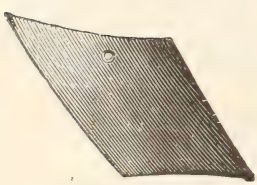
## CULTIVATOR STEELS AND EXTRAS.



Oval or 68 4 in. 3 in. 2 in. 1¼ in.



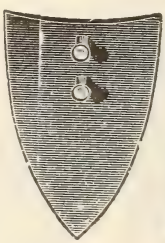

Fenders for double shovel plows....5cc.



Shovels.

7 in.

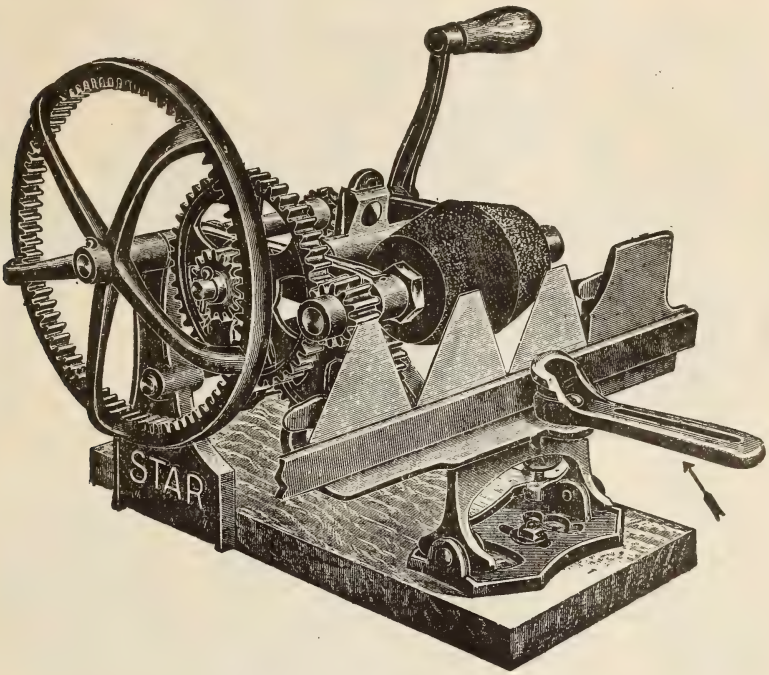
Bull-tongues.



Shovels.

Fan-tail covers.

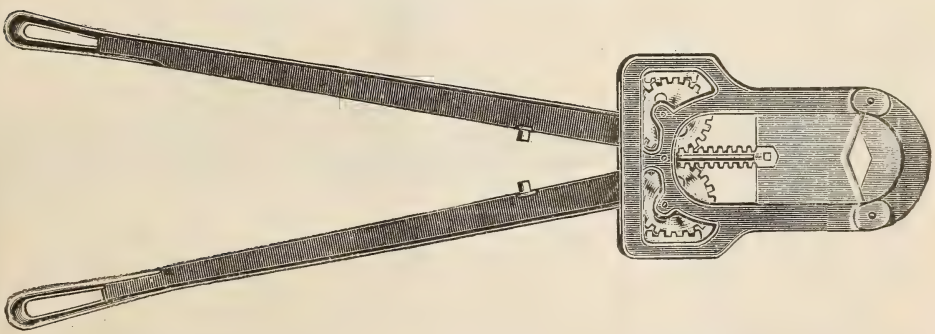
# Automatic Star Sickle and Tool Grinder




Weight 25 pounds. Price, $5.00

Dr. H. W. Leavitt's Latest Improvement in Dehorning Clippers is the "V" shape blade, the advantages of which are self-evident, as a glance at the cut will show.

**Dr. Leavitt's "V" shape blade Dehorning Clipper Cuts all around the Horn as the Handles are Being Closed.**

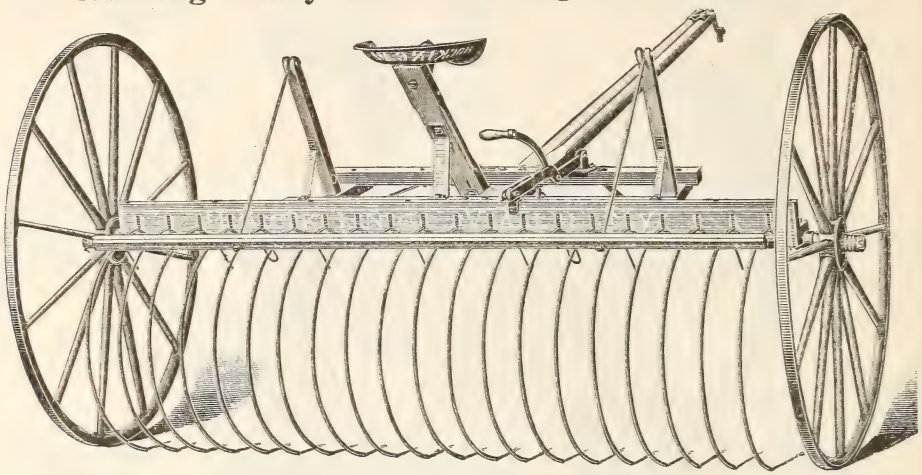


Knives cannot inter-lock, or cut into each other. It is our latest improvement, and is guaranteed to be superior to any other dehorner made. This style dehoner is made in the large size (No. 3) only, but will clip the horns, clean and smooth, from cattle of any age. Any style of our machines have the same power and guarantee.

By its construction, as shown in the above cut, you will see that it has a set of cogs in frame as well as in the cogged plunger which enables the knife to be moved twice as far by the same movement of the handles, or the instrument is manipulated by a movemen of the handles one-half the distance of our old patent.

Price.....$7.50

## Hocking Valley Hand or Weight Dump Rake.

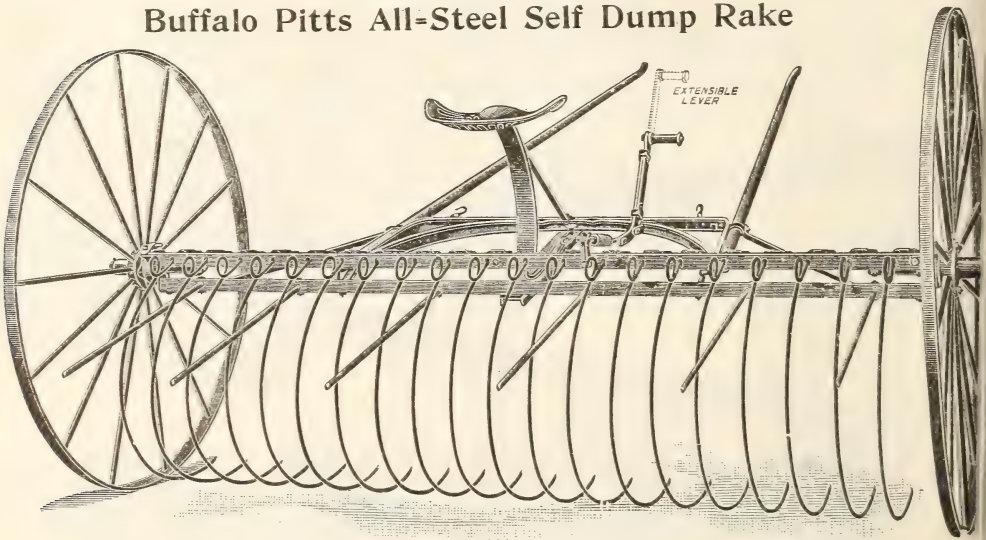


Price, with combined Pole and Shafts ..... $18.00

This rake has 1¼ inch steel axle extending from wheel to wheel, giving great strength and preventing any sagging.

We call it a "Hand-Dump Rake" but it is really a "Weight-Dump," as the weight of driver practically does the dumping after a slight upward tilt on the handle, unlocks the rake. The powerful **lock lever** is used, an ingenious joint which holds the teeth firmly to their work without use of hands or feet of operator, and preventing the annoyance of dumping when full, before reaching line of windrow. Over the teeth are placed steel coil springs giving great elasticity, and breakage is practically unknown. Built of best material, finished in first-class style, and guaranteed throughout.

## Buffalo Pitts All-Steel Self Dump Rake



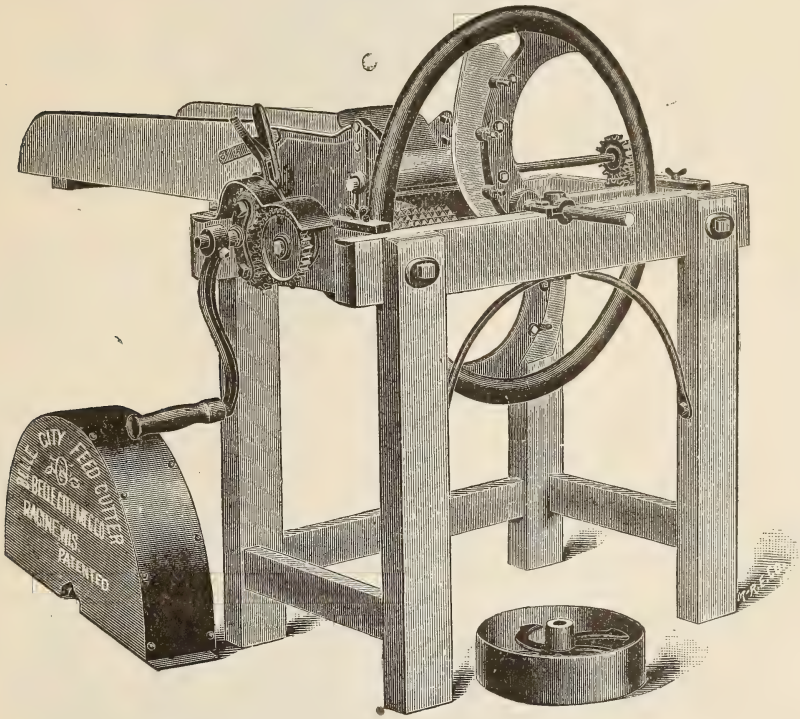

Price..... $22.00

This rake is built entirely of steel and has a patent relieving spring which prevents jar in dumping. It has a combination hand and foot lever, a spring cleaner ro guard-tooth between wheel and teeth to prevent hay from twisting into the wheel, and is up-to-date in all particulars. Strongly built and nicely finished.

Extra teeth to fit all Rakes: Tiger, Thomas, Ohio, Taylor, Wood, 30c. Extra Forks to fit all Tedders, Bullard, Thomas, Chieftian, Sterling, Tiger, 45c.

## THE BELLE CITY

# Fodder and Ensilage Cutters.




**The Belle City Fodder and Ensilage Cutter** is acknowledged to be the **King of Cutters,** because its points of merit over all others are many. The first and a very important fact is, that this machine requires one-third less power than any other, doing one-third more work in the same time. Second is the Safety Attachment, making all danger to the operator impossible. The Safety Attachment is a lever by which the operator can stop the feed rolls as quick as he can put his hand on same, also reverse the feed by this lever and set the feed rolls revolving backwards, cleaning the mouth of the cutter, should it become clogged without using his hands in the operation.

All these changes—*stopping feed rolls, reversing feed rolls,* and *changing length of cut,* done without stopping the cutter or power running it. We can all see how this lever attachment could be the means of saving a man's life or limb, as he has this cutter always under perfect control.

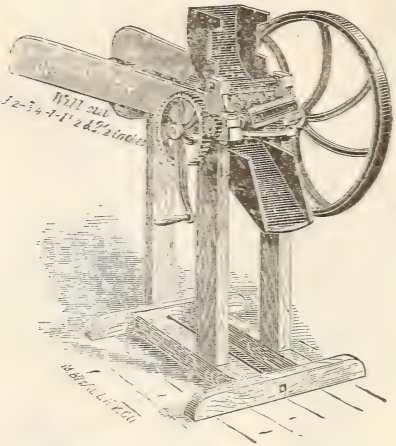
Our irons are well finished: boxes for the shafting are babbitted, and when this machine is put together, it will run as smoothly as a lathe or other machinery.

Our machines are finished better than any other cutter in the world, and are strong, durable and of great capacity, running with less power than any other, and can be run at great speed with perfect safety.

We will send out our cutters to any responsible party, subject to their approval, or on trial with other cutters, providing the customer buys the machine during the best work.

Prices on application.

# The Lion Feed Cutter.

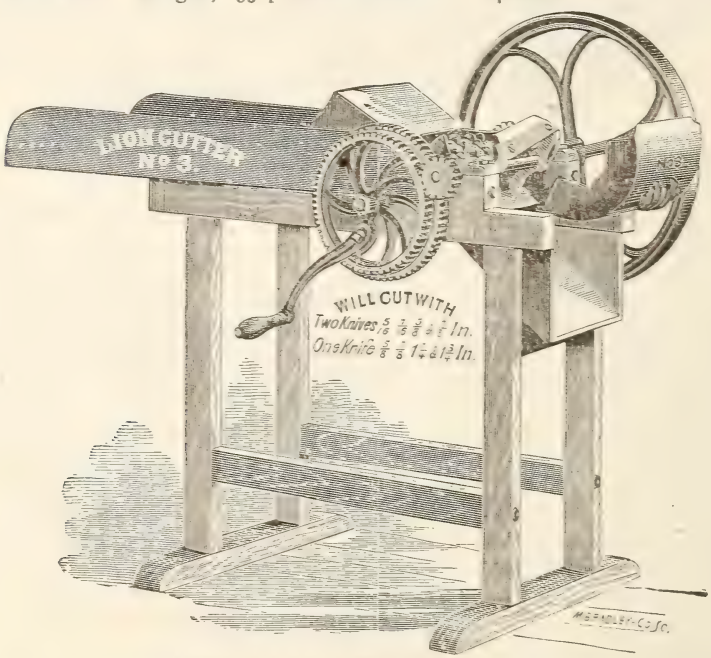


## DESCRIPTION AND SIZE.

No. 1 Machine, as shown in the above cut, has two knives 6¼ inches long; cuts ½, ¾ and 1⅛ inches long. Weight, 110 pounds. Price ..... **$12.00**

No. 2 Machine, has two knives 7¼ inches long, good capacity; cuts ½, ¾ and 1¼ inches long, same style frame as No. 1. Weight, 128 sounds. Price ..... **$15.00**

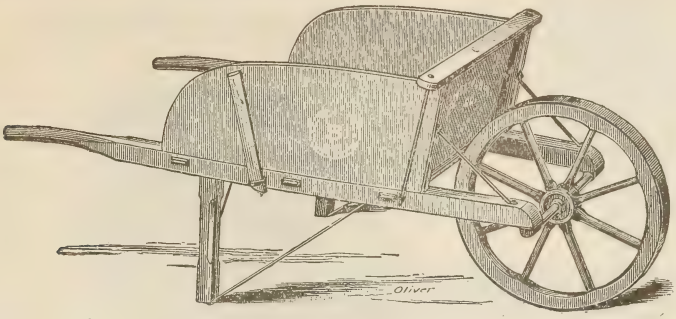
No. 3 Machine, with two knives 8½ inches long, is the favorite Hand Machine. cuts 5-16, 7-16, ½ and ⅞ inches long. With one knife, cuts ⅝, ⅞, 1¼ and 1¾ inches. Shown in cut below. Weight, 155 pounds. Price ..... **$20.00**




## LION FEED CUTTER No. 3.

This pattern of Feed Cutter has been in the market several years, and has proved durable and an excellent machine in every respect. Being strong and compactly made it is well adapted for domestic trade.

# Beekman's Garden or Farm Barrows.



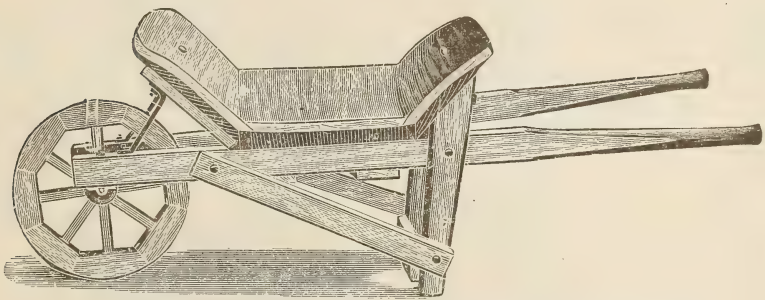

Painted green with scroll on side-boards.

The Nos. 4, 5 and 6 with our new eight spoke iron hub wheel on steel axle, as illustrated.

Nos 1, 2 and 3 with our new six spoke wheel, on steel axle.

Price, No. **1**, Boys' small.....$3.00
" " **2**, Medium..... 3.25
" " **3**, Large..... 3.50
" " **4**, Medium..... 3.50

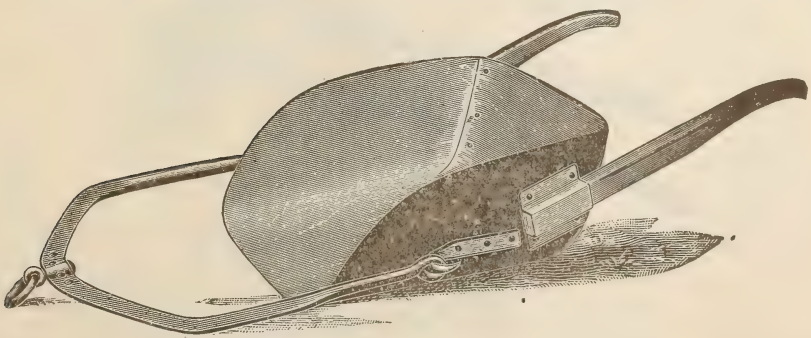
## Climax Bolted Canal Barrows.



One of the strongest barrows made. Full size tray. Put together entirely with bolts.

Price, with 16-inch wood wheel.....$1.75
" " 16 inch iron " ..... 200

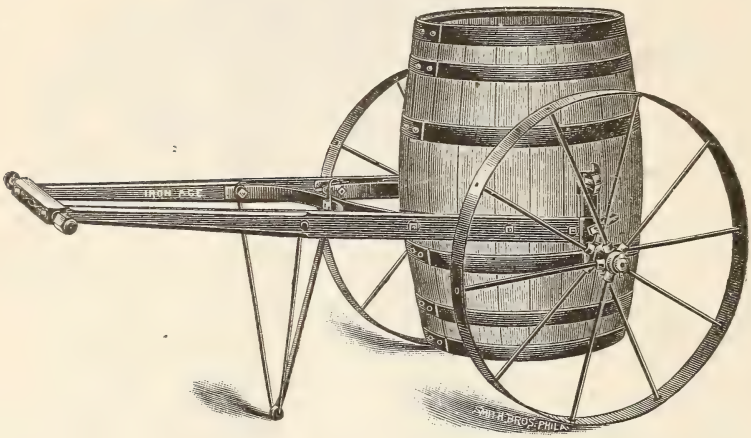
## The Syracuse Steel Drag Scrapers



No. **3**, capacity 3 cubic ft. for single horse, weight 85 lbs. No. **2**, capacity 5 cubic ft. weight 95 lbs. No. **1**, capacity 7 cubic ft., weight 105 lbs.

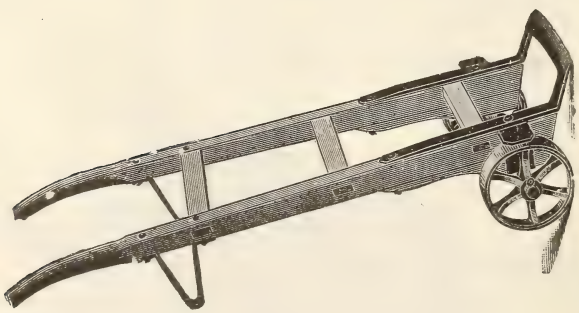
Prices on application.

# Plain Truck with Barrel.




| | |
|---|---|
| Price, Plain Truck and Barrel, 1½ inch Tire | $8.50 |
| " Truck alone, with 1 pair Trunnions | 6.50 |
| " Pair of Trunnions, alone | .75 |
| " Extra 3½ inch Tire | 2.00 |

## New York Store Truck.



| No. | Length of handles. | Width at nose, inches. | Weight pounds. | Price. |
|---|---|---|---|---|
| **1,** | 4–0 | 12 | 35 | $2.75 |
| **2,** | 4–5 | 14 | 55 | 3.50 |
| **3,** | 4–8 | 15½ | 65 | 4.50 |
| **4,** | 5–0 | 16 | 82 | 5.50 |

## Rice's Calf Weaner and Sucking Cow Muzzle

For preventing calves and cows sucking themselves or each other.

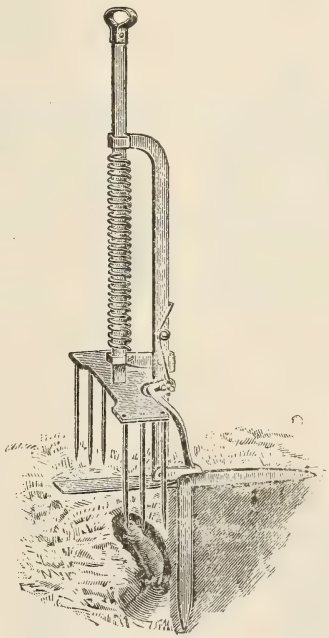
Habits most injurious to the animal and costly to the owner. It is no hindrance to either eating or drinking, does the animal no injury, has been thoroughly tested, is used and endorsed by the best stock raisers in the United States and England, approved of by the Royal Society for the Prevention of Cruelty to Animals, and acknowledged by all to be the best thing ever made for the purpose.

**MADE IN THREE SIZES.**

Price, No. **1,** For Calves till one year old, **30** cents by mail, postpaid, **35** cents.
" " **2,** From one to two years old, **50** cents by mail, postpaid, **56** cents.
" " **3,** For full grown animals, and self-suckers, **75** cts. by mail, postpaid **85** cts.

## FARM BELLS

| | | | |
|---|---|---|---|
| No. **1,** | 40 pounds | ..... | $2.00 |
| " **2,** | 50 " | ..... | 2.50 |
| " **3,** | 75 " | ..... | 3.50 |
| " **4,** | 100 " | ..... | 4.50 |



## Wherry Self-Setting Mole Trap.

No Mole can pass under this trap and live.

Price.....$1.25

## NORTH'S SPRINGS.

**PRICE PER PAIR.**

| | | | |
|---|---|---|---|
| 1,000 lbs. | capacity | ..... | $4.00 |
| 1,500 | " | ..... | 6.00 |
| 2,000 | " | ..... | 7.00 |
| 2,500 | " | ..... | 7.50 |
| 3,000 | " | ..... | 8.00 |
| 4,000 | " | ..... | 10.00 |

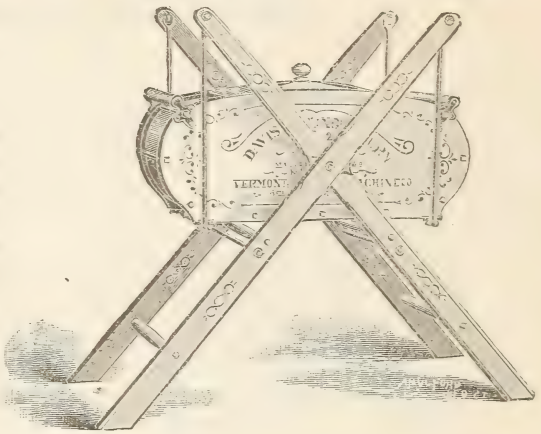
With these Springs on the Wagon there is neither jolting nor bruising of produce. Easily adjusted to any ordinary farm wagon without alteration to the wagon box.

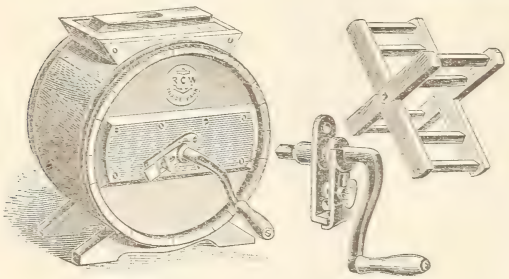
# CREAMERY SUPPLIES.

## Davis Swing Churn.

| No. | Capacity. | Will Churn. | Price. |
|---|---|---|---|
| 1 | 8 gallons | 4 gallons | $ 7 00 |
| 2 | 10 " | 5 " | 8.00 |
| 3 | 16 " | 8 " | 10 00 |
| 4 | 20 " | 10 " | 12.00 |
| 5 | 26 " | 13 " | 15.00 |
| 6 | 34 " | 17 " | 18.00 |
| 7 | 60 " | 30 " | 25.00 |

Has no floats or paddles inside. There is no danger of the cover coming off and spilling the cream. It requires less effort to work than any other. It is easily cleaned.



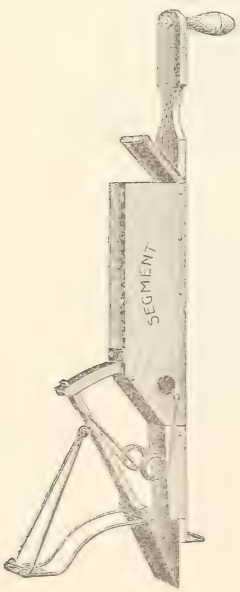



DOUBLE DASHER.—THUMB SCREW LOCK.

This cut represents our White Cedar Cylinder Churn. We now use a double dasher, and the crank is locked to the churn with a clamp and thumb screw. Which prevents leakage—lock cannot break. The top is large, and dasher easily removed. The best churn in use.

| | | | | |
|---|---|---|---|---|
| Price, No. | 1, | 3 gallons, | each | $1.75 |
| " | 2, | 4 " | " | 2.25 |
| " | 3, | 7 " | " | 2.50 |
| " | 4, | 10 " | " | 3.00 |

## BUTTER PRINTS AND WORKERS.



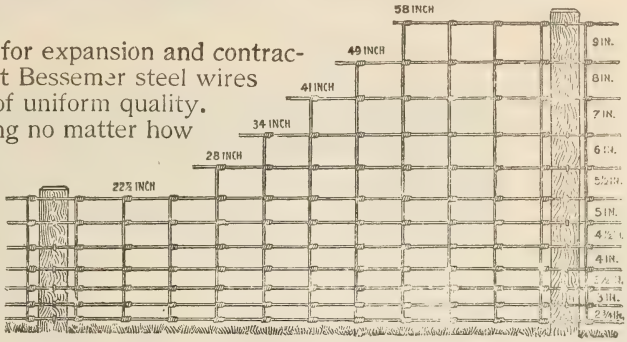

## Standard

## Automatic Hand Corn Planter.

These Planters are fitted with Sheffield's famous patent adjustable seed disc, and spring brass cut-off. The disc revolves similar to the dise used in horse planters, and is the best finished and most accurate dropping disc ever used in corn planters ef any description.

Price . . . . . $1.75

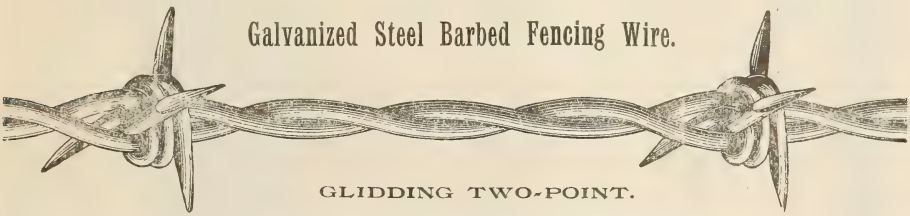
## American Woven Wire Fence.—All Steel.




Amply provides for expansion and contraction. Only Best Bessemer steel wires used. Always of uniform quality. Never goes wrong no matter how great a **strain** is put upon it. Does not mutilate, but **does efficiently turn cattle, horses, hogs and pigs.**

Made of large, strong steel wire. A perfect fence.
Also "**American**" Steel Walk and Drive Gates.

## Galvanized Steel Barbed Fencing Wire.



GLIDDING TWO-POINT.

Main strands, Nos. 12 and 12½ guage, steel wire. Regular or Cattle Wire has barbs about 5 inches apart. Thickest or Hog Wire has barbs about 3 inches apart.

**Cable or Twist Wire.**
Made of two strands of Nos. 12 or 12½ gauge steel wire.

Ribbon and plain Fence wire, Galvanized Poultry Netting, all widths. Prices on above will be furnished on application.

THE

# Townsend Wire Stretcher.

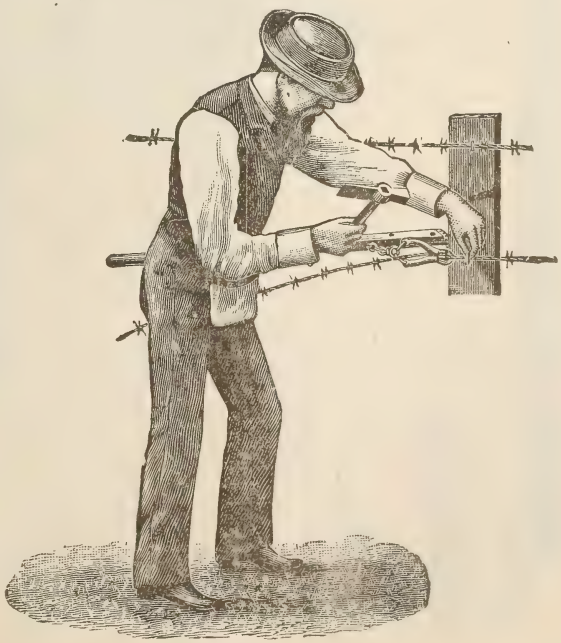
With this implement the person stretching the wire can nail it to the post from which he is stretching without assistance.

The only true principal for a Wire Stretcher.

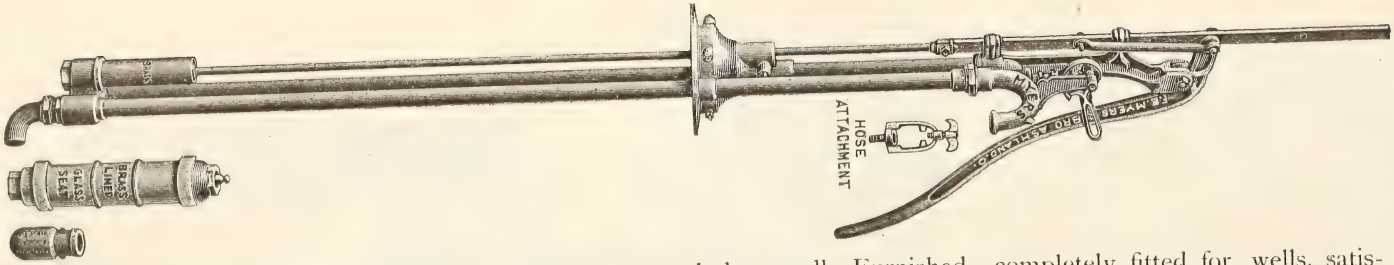
It will give you better satisfaction than any stretcher you can find. Do not fail to get it.

Price ...75 cents.

**Little Giant, 75 cents.**
**Hercules, - 25 "**



# Buckeye Wood Pumps.

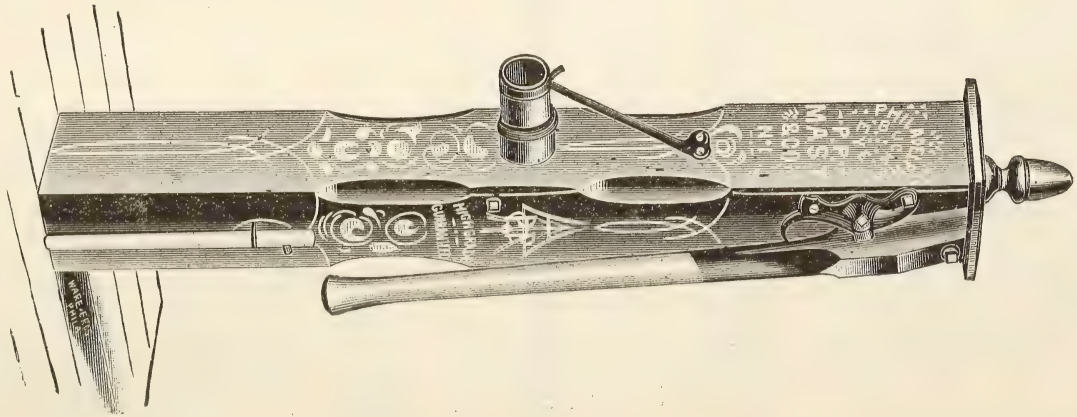



All kinds and sizes of Pumps for both shallow and deep wells Furnished—completely fitted for wells, satisfaction guaranteed.

Porcelain Lined Pumps are recommended as the best and most satisfactory in all cases.

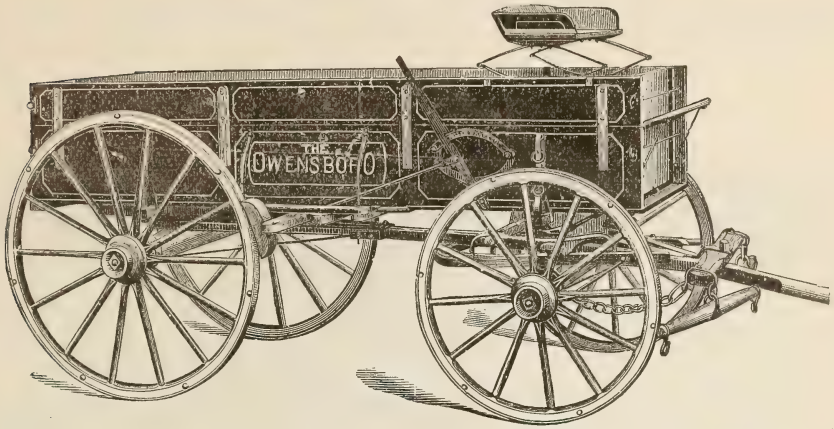
## MYERS DOUBLE ACTING FORCE PUMPS.

Well Force Pumps have patent glass valve seat. Patent drop valve. Brass or brass lined cylinder.
Prices of Iron and Wood Pumps furnished on application.



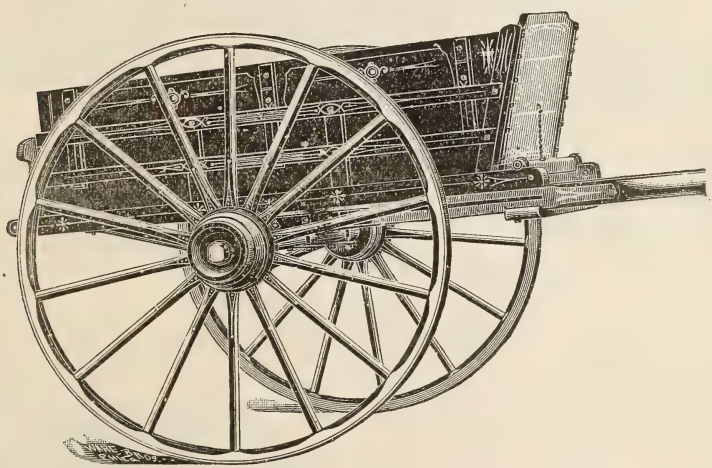
# The Owensboro Farm Wagon

THIMBLE SKEIN




We make this style in all the different sizes. We use our own Improved Skein which past usuage has proven to be the best in use. They are larger at sleeve and allow full one-quarter inch more shoulder than most skeins now in use. Can furnish round or square hounds on front gears, with falling tongue coach hounds, with stiff, half stiff or falling tongue, as may be desired. We use on all regular tire wagons, cart rivets, and burrs, unless otherwise ordered.

## Railroad or Contractor's Cart.



These carts are very strong, heavily ironed and made entirely of hard wood, and are especially designed for use of railroad contractors and miners. We furnish these carts with either the solid iron axle or the celebrated National Self-Oiling Steel Tubular Axle.

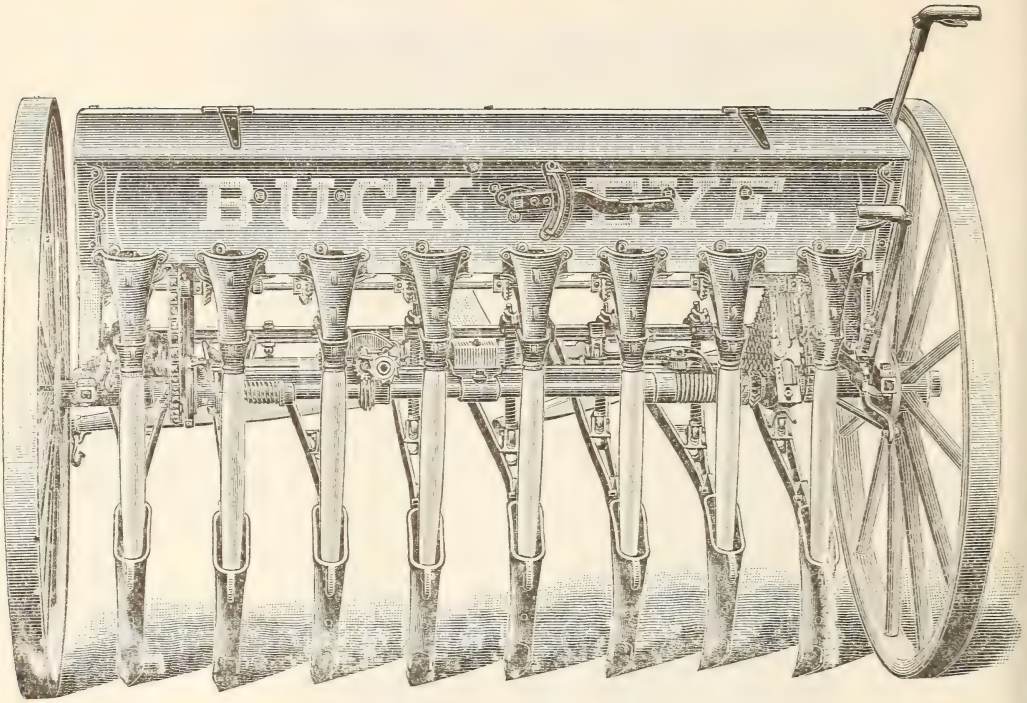
SIZE AND DESCRIPTION.—Height of wheels, 4 ft. 10 in. Tire, 3x½ in. 2⅝x11 in. Tubular axle, or iron axle 2x11 in. Length of body, 5 ft. 10 in. Width of body, 3 ft. in front and 3 ft. 2 in. behind. Sides 12 in. deep, with 6 in. top sides.

## FARM CARTS

SIZE AND DESCRIPTION.—Height of wheels, 4 ft. 10 in. Tubular axle 2⅛x8½, or iron axle, 1½x9. Tire, 3x⅜. Length of body, 5 ft. 10 in. Width of body, 2 ft. 11 in. front and 3 ft. 1 in. behind, 12 in. deep, with 4 in. top sides.

We carry in stock a full line of **Wagon, Buggy and Carriage Harness, Curry Combs, Brushes and Stable Supplies.**

## BUCKEYE STEEL FRAME
# Combined Grain and Fertilizer Drill

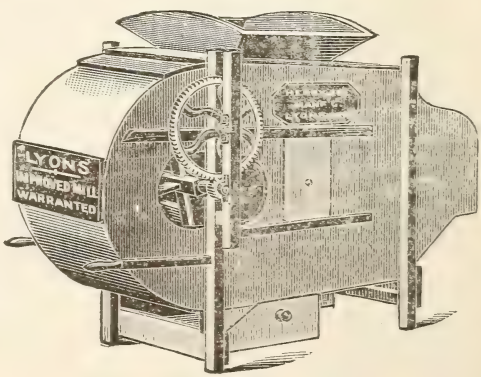



The Buckeye Combined Grain and Fertilizer Drill, as shown in the illustration, is now entering on the twelth year of its manufacture and sale. From the time the first machine appeared in the market it has met with unbounded success, as all practical farmers saw at a glance that it supplies a want long felt unsatisfied—a want which, hitherto, all attempts to meet has been unavailing. This demand was for a drill which would sow all kinds of fertilizers successfully, and with satisfaction to the operator.

## The Lyons Improved Fanning Mill

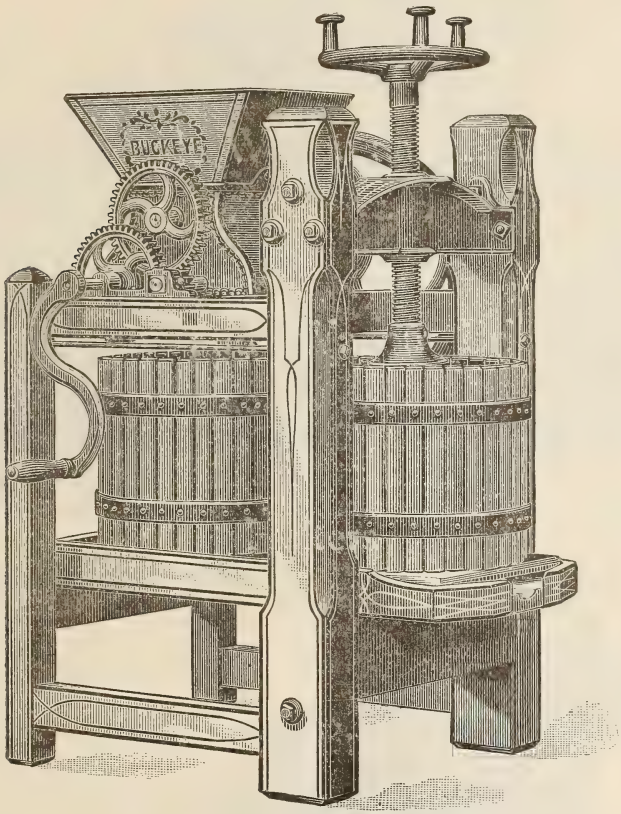
In calling your attention to our Fanning Mill, we do so with a full sense of the high standard demanded of a machine by farmers and grain dealers, one that will do first-class work under all circumstances and on all occasions The Lyons Improved Mill is, we think, the only Fanning Mill that is warranted in all respects as represented. They will clean from 60 to 100 bushels per hour in a perfect and satisfactory manner and they give universal satisfaction

Price.....$20.00



## THE IMPROVED

# BUCKEYE CIDER MILL AND PRESS

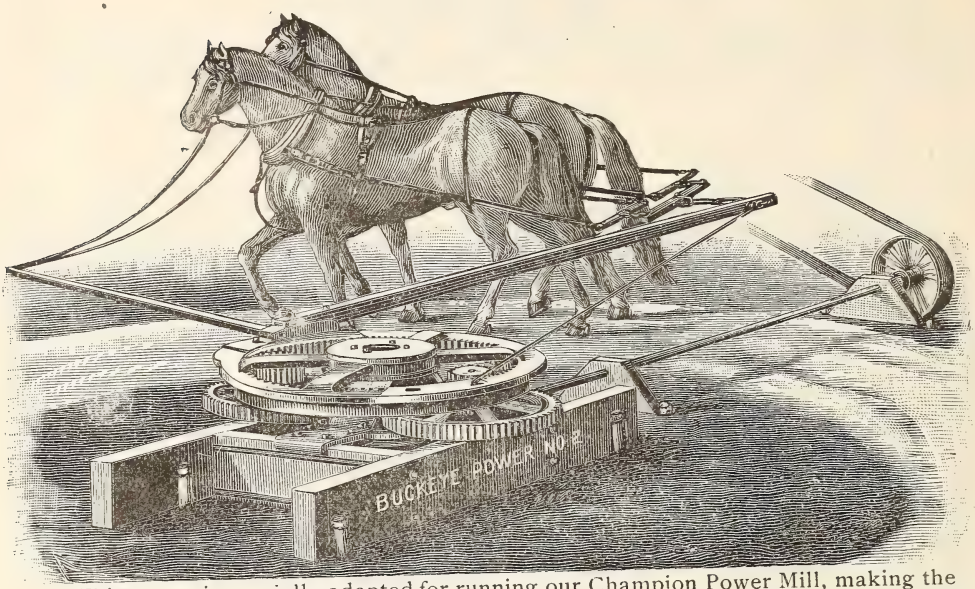



**MADE IN THREE SIZES.**

These Mills have two curbs or tubs, so that you can grind into one while another man, or boy, is pressing the other. Two men can grind and press from four to six barrels of cider per day. It is intended for a hand mill, and the apples are easily ground by one-man power. The Mills are neatly varnished and striped, and presents an attractive appearance. We can confidently assert that no other Cider Mill has given such general satisfaction as the "BUCKEYE."

| | |
|---|---|
| Junior Mill | $ 12.00 |
| Medium Mill | 16.00 |
| Senior Mill | 20.00 |

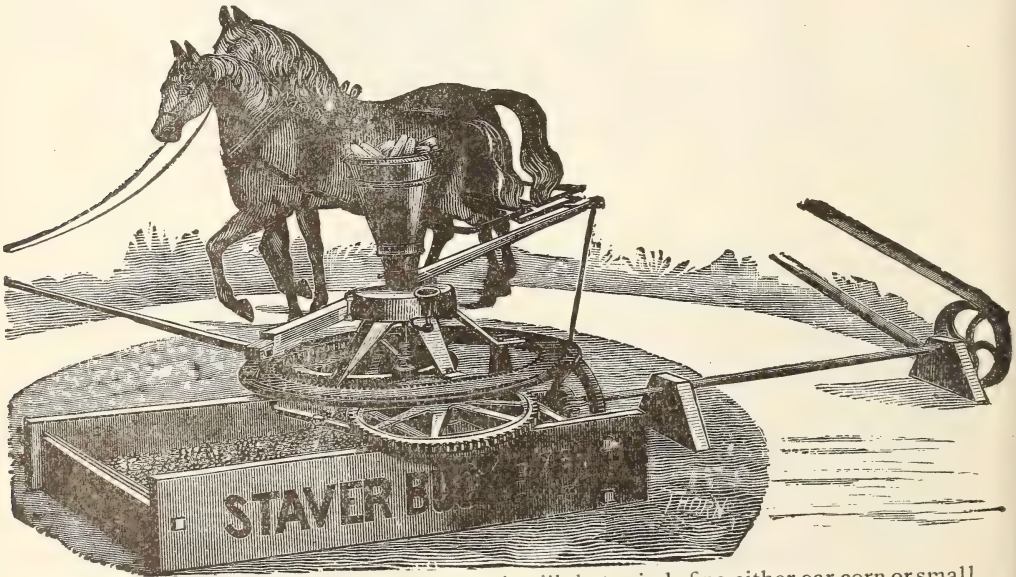
## No. 2 BUCKEYE HORSE-POWER.




This power is specially adapted for running our Champion Power Mill, making the best outfit of separate mill and power now manufactured. It is remarkable strong and is heavy enough for four horses, so that it may be classed as a heavy two-horse and medium four-horse power. Price, **$45.00**

## No. 5 Staver Buckeye Cob Mill and Power Combined.

FOR GRINDING EAR CORN OR SMALL GRAIN.




A rapid-grinding corn and cob mill. A mill that grinds fine either ear corn or small grains, without change of plates. A cob mill, a mill for small grains, and a good two-horse power combined in one light-running machine. Price, **$70.00**

## Double and Single Buggy Harness

**$7.50 to $25.00**

## Double and Single Wagon and Express Harness

**$8.00 to $35.00**

## Buggy and Wagon Bridles

**$1.00 to $3.50**

## Halters

**25 Cents to $1.50**

## Horse Brushes

**25 Cts., 50 Cts., 75 Cts. and $1.00**

## Curry Combs

**10 to 25 Cents**

## Blankets, Robes, Whips and all Stable Supplies.

# POSTAGE ON SEEDS.

Seed in packets, ounces and quarter pounds, are mailed by us free of postage.

Half pounds, pounds, pints and quarts, the postage must be added to the price quoted; at the rate of eight cents per pound and fifteen cents per quart.

Orders by mail will receive prompt attention and have every advantage, as to price and quality of goods, just the same as if the purchaser should call personally at our store.

While we exercise care to have all Seeds pure and reliable, we do not give any warranty, expressed or implied, and will not be responsible in any respect, for any loss or damage arising from the failure thereof. If the purchaser does not accept the seeds on these terms or conditions they must be returned at once.

**Prices Subject to change without Notice.**

## Estimated Quantities of Seed Required for the Space given.

Asparagus—1 oz. produces 1000 plants, and requires a bed 12 feet square.

Asparagus Root—1000 plants to a bed 4 feet wide and 225 feet long.

English Dwarf Beans—1 quart plants from 100 to 150 feet of row.

French Dwarf Beans—1 quart plants 250 to 350 feet of row.

Beans, Pole, Large—1 quart plants 100 hills.

Beans, Pole, Small—1 quart plants 39 hills or 250 feet of row.

Beets—10 lbs. to the acre; 1 oz. plants 150 feet of row.

Brocoli and Kale— 1 oz. plants 2500 plants and requires 40 square feet of ground.

Cabbage—Early sorts same as Brocoli and requires 60 square feet of ground.

Cauliflower—The same as Cabbage.

Carrots—1 oz. to 150 feet of row.

Celery—1 oz. gives 7000 plants, and requires 8 square feet of ground.

Cucumbers—1 oz. to 150 hills.

Cress—1 oz. sows bed 16 feet square.

Egg Plant—1 oz. to 2000 plants.

Endive—1 oz. gives 2000 plants, and requires 80 feet of ground.

Leek—1 oz. gives 2000 plants, and requires 60 feet of ground,

Lettuce—1 oz. gives 7000 plants, and requires seed bed of 120 feet.

Melon—1 oz. for 120 hills.

Nasturtium—1 oz sows 25 feet of row.

Onion—1 oz. sows 200 feet of row.

Okra—1 oz. sows 200 feet of row.

Parsley—1 oz. sows 200 feet of row.

Parsnips—1 oz. sows 250 feet of row.

Pepper—1 oz gives 2500 plants

Peas—1 qt. sows 120 of row.

Radishes—1 oz. to 100 feet.

Salsify—1 oz. to 50 feet of row.

Spinach—1 oz. to 200 feet of row.

Squash—1 oz. to 75 hills.

Tomato—1 oz. gives 2500 plants, requiring seed bed of 80 feet.

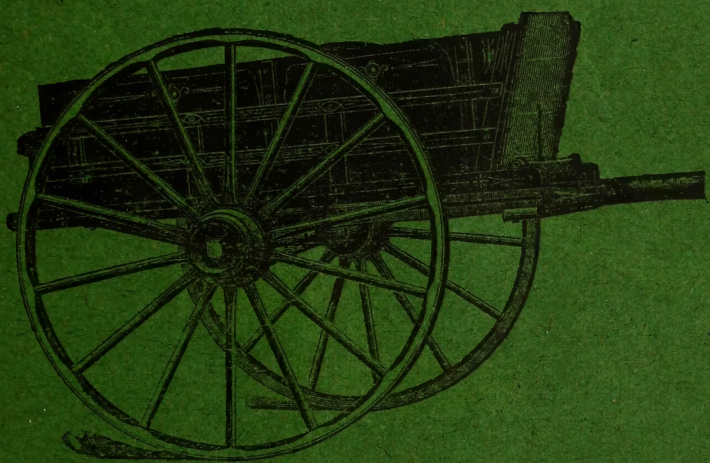
Turnips—1 oz. to 2000 feet.

Watermelon—1 oz. to 50 hills.

## Estimated Quantities of Seed Required to the Acre.

| | | | |
|---|---|---|---|
| Wheat | 1¼ to 2 | bushels | |
| Barley | 1½ to 2½ | " | |
| Oats | 2 to 4 | " | |
| Rye | 1 to 2 | " | |
| Buckwheat | ¾ to 1¼ | " | |
| Millet | 1 to 1½ | " | |
| Corn | ¼ to 2 | " | |
| Beans | 1 to 2 | " | |
| Peas | 2½ to 3½ | " | |
| Hemp | 1 to 1½ | " | |
| Flax | ½ to 2 | " | |
| Rice | 2 to 2½ | " | |
| Broom Corn | ¼ to ½ | bushels | |
| Timothy | 12 to 24 | quarts | |
| Mustard | 8 to 20 | " | |
| Herd Grass | 12 to 16 | " | |
| Flat Turnip | 2 to 3 | pounds | |
| Red Clover | 10 to 16 | " | |
| White Clover | 3 to 4 | " | |
| Blue Grass | 10 to 15 | " | |
| Orchard Grass | 20 to 30 | " | |
| Carrots | 4 to 5 | " | |
| Parsnips | 6 to 8 | " | |

CONTRACTOR'S CART.



# ILLUSTRATED CATALOGUE

# 1902.

## IMPERIAL CHILLED PLOWS.

P. MANN & CO.

207 7th STREET, N. W.

WASHINGTON, D. C.